DOCUMENT RESUME

ED 043 490 SE 008 977

TITLE	Science and Mathematics Education Information Report, General Bibliography Series, Bibliography 33. Instructional Equipment and Materials.
INSTITUTION	Ohio State Univ., Columbus. ERIC Information Analysis Center for Science Education.
PUB DATE	May 70
NOTE	78p.
EDRS PRICE	EDRS Price MF-$0.50 HC-$4.00
DESCRIPTORS	*Bibliographies, *Instructional Materials, *Mathematics Education, *Science Education, *Science Equipment, Science Materials

ABSTRACT

This is the third in the fourth series of general bibliographies developed to disseminate information on documents analyzed at the ERIC Information Analysis Center for Science and Mathematics Education. Reported are 355 citations of selected documents related to instructional equipment and materials for science and/or mathematics education. The documents include research reports, research reviews, manuals, speeches, textbooks, and other document types. Entries are listed in alphabetical order by author under science education, mathematics education, and general. An author index is provided. Citations include author, source, availability, and major ideas of the document. This bibliography updates, but does not replace, bibliographies 3, 13, and 23. (RR)

AN ERIC CENTER

SCIENCE & MATH EDUCATION INFORMATION REPORT

ED043490

GENERAL BIBLIOGRAPHY SERIES
BIBLIOGRAPHY 33

INSTRUCTIONAL EQUIPMENT AND MATERIALS

U.S. DEPARTMENT OF HEALTH, EDUCATION & WELFARE
OFFICE OF EDUCATION

THIS DOCUMENT HAS BEEN REPRODUCED EXACTLY AS RECEIVED FROM THE PERSON OR ORGANIZATION ORIGINATING IT. POINTS OF VIEW OR OPINIONS STATED DO NOT NECESSARILY REPRESENT OFFICIAL OFFICE OF EDUCATION POSITION OR POLICY.

SMAC/SCIENCE & MATHEMATICS EDUCATION INFORMATION ANALYSIS CENTER

. . . an information center to organize and disseminate information and materials on science and mathematics education to teachers, administrators, supervisors, researchers, and the public. A joint project of The Ohio State University and the Educational Resources Information Center of USOE.

ED043490

SCIENCE AND MATHEMATICS EDUCATION INFORMATION REPORT

GENERAL BIBLIOGRAPHY SERIES
BIBLIOGRAPHY 33

INSTRUCTIONAL EQUIPMENT AND MATERIALS

ERIC Information Analysis Center for Science
and Mathematics Education
1460 West Lane Avenue
Columbus, Ohio 43210

May, 1970

BIBLIOGRAPHY 33

Table of Contents

	Page
A. Science Education	1
B. Mathematics Education	51
C. General	62
D. Author Index	65
E. Articles with no Specified Author	71

SCIENCE AND MATHEMATICS EDUCATION INFORMATION REPORTS

The Science and Mathematics Education Information Reports are being developed to disseminate information concerning documents analyzed at the ERIC Information Analysis Center for Science and Mathematics Education. The reports include four types of publications. General Bibliographies are being issued to announce most documents processed by the Information Analysis Center for Science and Mathematics Education. These bibliographies are categorized by topics and indicate the availability of the document and the major ideas included in the document. Special Bibliographies are being developed to announce availability of documents in selected interest areas. These bibliographies will list most significant documents that have been published in the interest area. Guides to Resource Literature for Science and Mathematics Teachers are bibliographies that identify references for the professional growth of teachers at all levels of science and mathematics teaching. Research Reviews will be issued to analyze and synthesize research related to science and mathematics education over a period of several years.

The Science and Mathematics Education Information Reports will be announced in the SMAC Newsletter as they become available.

GENERAL BIBLIOGRAPHIES

The General Bibliographies are being developed to announce the documents acquired and processed by the ERIC Information Analysis Center for Science and Mathematics Education. The bibliographies will focus on general topics. This bibliography announces most documents related to the topic that was included in the fourth 2,000 documents processed by this Center. It supplements General Bibliographies 3, 13, and 23. Additional supplements will be issued as documents are processed.

USING BIBLIOGRAPHIC CITATIONS

All documents are listed by similar bibliographic citations. A sample citation is explained for your convenience. You will find it helpful to study the explanation of the sample citation before using this bibliography.

SAMPLE OF BIBLIOGRAPHIC CITATION

(1) SE 004 904
(2) HELGESON, STANLEY L.
(3) LESSON PLANS AND TESTS OF KNOWLEDGE, COMPREHENSION, AND APPLICATION FOR INSTRUCTION IN CONCEPTS OF FORCE, GRADES 2-6
(4) UNIVERSITY OF WISCONSIN, MADISON, RESEARCH AND DEVELOPMENT CENTER
(5) EDRS
(6) ED 020 907 MF $0.25 HC $2.35
(7) 03 00 68 (8) 45
(9) *ELEMENTARY SCHOOL SCIENCE, *FORCES (PHYSICAL), *INSTRUCTION, *PHYSICS, *TEACHING GUIDES, ACADEMIC ACHIEVEMENT, COGNITIVE PROCESSES, CONCEPT FORMATION, EVALUATION, LEARNING, PHYSICAL SCIENCES, TESTS, RESEARCH REPORTS

EXPLANATION OF BIBLIOGRAPHIC CITATION

(1) SE 004 904

This is the Science and Mathematics Education Center's identification number for the document. It serves as the name for the document and provides a way of locating the material.

(2) HELGESON, STANLEY L.

The principal author, editor, or organization associated with the writing of the document is listed.

(3) LESSON PLANS AND TESTS OF KNOWLEDGE, COMPREHENSION, AND APPLICATION FOR INSTRUCTION IN CONCEPTS OF FORCE, GRADES 2-6

Title of document.

(4) UNIVERSITY OF WISCONSIN, MADISON, RESEARCH AND DEVELOPMENT CENTER

This indicates where the document was obtained by the Center.

(5) EDRS

Field five indicates the source of the document. If the document is available from the ERIC Document Reproduction Service (EDRS) it can be ordered.

(6) ED 020 907 MF $0.25 HC $2.35

If a document is announced in Research in Education, the ED number of the document is indicated in this space. If the document is available from EDRS the price of the document is also indicated in this field. MF indicates microfiche and HC indicates hardcopy. This document would cost $0.25 in microfiche or $2.35 in hardcopy.

(7) 03 00 68

This field designates the publication date of the document (March, 1968). The first set of two numerics represents the month; the second, the day of the month; and the third, the year. In most cases the date is obtained from the document. In a few cases, when no date of publication is on the document, the date is estimated based on the best information available in the document.

(8) 45

Field eight identifies the number of pages in the document. This document contains 45 pages. Use of this field will provide information concerning the length of the document.

(9) *ELEMENTARY SCHOOL SCIENCE, *FORCES (PHYSICAL), *INSTRUCTION, *PHYSICS, *TEACHING GUIDES, ACADEMIC ACHIEVEMENT, COGNITIVE PROCESSES, CONCEPT FORMATION, EVALUATION, LEARNING, PHYSICAL SCIENCES, TESTS, RESEARCH REPORTS

This field provides an indication of the ideas included in the document. Each term, such as *INSTRUCTION, has been selected by an information analyst because the term is important for the identification of the document. Terms marked with an asterisk represent primary ideas in the document; the other terms represent ideas of lesser importance. You can use this information to narrow the number of documents you want to review.

A. SCIENCE EDUCATION

1. SE 006 390
ADAMS, JAMES H., JR.
DROP DISCRIMINATOR AND IONIZER FOR MILLIKAN'S OIL DROP EXPERIMENT
AMERICAN JOURNAL OF PHYSICS
12 00 68 2
*INSTRUCTION, *LABORATORY EXPERIMENTS, *PHYSICS, *SCIENCE EQUIPMENT, COLLEGE SCIENCE, INSTRUCTIONAL MATERIALS, LABORATORY EQUIPMENT, MILLIKAN OIL DROP EXPERIMENT

2. SE 007 346
AHERNE, JOHN C.
KINETIC ENERGIES OF GAS MOLECULES
JOURNAL OF CHEMICAL EDUCATION
12 00 65 2
*CHEMISTRY, *COLLEGE SCIENCE, *ENERGY, *INSTRUCTIONAL MATERIALS, *KINETIC MOLECULAR THEORY, SECONDARY SCHOOL SCIENCE, TEXTBOOK ERRORS, 1965

3. SE 007 354
ALYEA, HUBERT N.
TESTED OVERHEAD PROJECTION SERIES
JOURNAL OF CHEMICAL EDUCATION
12 00 65 2
*CHEMISTRY, *OVERHEAD PROJECTORS, *SCIENCE EXPERIMENTS, *SOLUBILITY, *SOLUTION, COLLEGE SCIENCE, DEMONSTRATIONS (SCIENCE), INSTRUCTIONAL AIDS, MATTER, SECONDARY SCHOOL SCIENCE, 1965

4. SE 500 140
AMEND, JOHN R.
INFORMATION FROM LIGHT - PIPPENBLOOPERS TO STARS
THE SCIENCE TEACHER
03 00 69 5
*ASTRONOMY, *PHYSICS, *SECONDARY SCHOOL SCIENCE, *SCIENCE EQUIPMENT, PHYSICAL SCIENCES, SCIENCE EXPERIMENTS, SCIENCE ACTIVITIES

5. SE 006 054
AMERICAN GEOLOGICAL INSTITUTE
BIBLIOGRAPHY OF STATISTICAL APPLICATIONS IN GEOLOGY
AMERICAN GEOLOGICAL INSTITUTE, WASHINGTON, D.C.
68 24
*ANNOTATED BIBLIOGRAPHIES, *CONTINUING EDUCATION, *GEOLOGY, *STATISTICS, BIBLIOGRAPHIES, INSTRUCTIONAL MATERIALS, MATHEMATICS, COUNCIL ON EDUCATION IN THE GEOLOGICAL SCIENCES, AMERICAN GEOLOGICAL INSTITUTE, 1968

6. SE 007 348
ANDERSON, C. B.; WOOD, STANLEY E.
CONDUCTANCE BRIDGE FOR THE GENERAL CHEMISTRY LABORATORY
JOURNAL OF CHEMICAL EDUCATION
12 00 65 1
*CHEMISTRY, *COLLEGE SCIENCE, *LABORATORY EQUIPMENT, *SCIENCE EQUIPMENT, CONDUCTANCE, RESISTANCE, SOLUTIONS

7. SE 006 585
ASSOCIATION FOR SCIENCE EDUCATION
SCIENCE FOR PRIMARY SCHOOLS 4, MATERIALS AND EQUIPMENT
ASSOCIATION FOR SCIENCE EDUCATION, CAMBRIDGE, ENGLAND
JOHN MURRAY PUBLISHERS, ENGLAND
66 32
*ELEMENTARY SCHOOL SCIENCE, *EQUIPMENT GUIDES, *INTERNATIONAL EDUCATION, *SCIENCE EQUIPMENT, BIOLOGICAL SCIENCES, EQUIPMENT UTILIZATION, PHYSICAL SCIENCES, SCIENCE MATERIALS, GREAT BRITAIN, ASSOCIATION FOR SCIENCE EDUCATION

8. SE 500 447
ATKINS, DAVID L.; BANNOWSKY, FRED
SILHOUETTING LEAF SURFACE IRREGULARITIES
THE AMERICAN BIOLOGY TEACHER
09 00 69 2
*BIOLOGY, *BOTANY, *LABORATORY TECHNIQUES, *SCIENCE MATERIALS, LEAF MOUNTS, 1969

9. SE 006 441
ATWATER, H. A.
LABORATORY EXERCISES IN CLASSICAL ELECTROMAGNETIC FIELD THEORY
AMERICAN JOURNAL OF PHYSICS
08 00 68 11
*COLLEGE SCIENCE, *ELECTROMAGNETIC THEORY, *LABORATORY EXPERIMENTS, *PHYSICS, *SCIENCE EQUIPMENT, ELECTROSTATIC FIELDS, INSTRUCTION, SCIENCE ACTIVITIES

10. SE 500 557
BAILEY, R. A.; AND OTHERS
SAFETY SHUT-OFF FOR WATER-COOLED DEVICES
JOURNAL OF CHEMICAL EDUCATION
01 00 69 1
*LABORATORY EQUIPMENT, *LABORATORY SAFETY, *SCIENCE EQUIPMENT, EQUIPMENT UTILIZATION, 1969

11. SE 007 395
BAJEMA, CARL JAY; AND OTHERS
GENETICS AND EVOLUTION IN HIGH SCHOOL BIOLOGY ANNOTATED BIBLIOGRAPHIES AND LIST OF FILMS FOR USE IN HIGH SCHOOL BIOLOGY COURSES
SCHOOL SCIENCE AND MATHEMATICS
12 00 62 24
*BIBLIOGRAPHIES, BIOLOGY, COLLEGE SCIENCE, *EVOLUTION, *GENETICS, *INSTRUCTIONAL MATERIALS, SCIENCE HISTORY, SCIENTIFIC RESEARCH, *SECONDARY SCHOOL SCIENCE, SUPPLEMENTARY READING MATERIALS

12. SE 007 347
BAKER, WILBUR L.; BOOZER, CHARLES E.
DIRECT CURRENT POWER SUPPLY SUITABLE FOR FRESHMAN LABORATORY
JOURNAL OF CHEMICAL EDUCATION
12 00 65 2
*COLLEGE SCIENCE, *ELECTRONIC EQUIPMENT, *ELECTRICITY, *POWER SOURCES, *SCIENCE EQUIPMENT, ELECTRIC CIRCUITS, EQUIPMENT UTILIZATION, LABORATORY EQUIPMENT, SECONDARY SCHOOL SCIENCE, UNDERGRADUATE STUDY, 1965

13. SE 500 519
BANTA, H. E.; GLEASON, G. I.
A STUDENT EXERCISE ON THE DECAY SCHEME OF 116m In
AMERICAN JOURNAL OF PHYSICS
06 00 69 6
*COLLEGE SCIENCE, *PHYSICS, *RADIATION, *SCIENCE ACTIVITIES, *INDIUM, MEASUREMENT, RADIOISOTOPES, BETA RAYS, GAMMA RAYS, RADIOACTIVE HALFLIFE, OAK RIDGE ASSOCIATED UNIVERSITIES, 1969

14. SE 006 673
BARKDOLL, O. R.
MAKING CHEMISTRY MODELS
CATHOLIC SCHOOL JOURNAL
10 00 66 2
*CHEMISTRY, *INSTRUCTIONAL MATERIALS, *SECONDARY SCHOOL SCIENCE, *SCIENCE EQUIPMENT, MODELS, SCIENCE ACTIVITIES, TEACHING MODELS

15. SE 006 438
BARNARD, W. ROBERT
TEACHING AIDS - TELEVISION FOR THE MODERN CHEMISTRY CLASSROOM, PART II HARDWARE
JOURNAL OF CHEMICAL EDUCATION
10 00 68 4
*AUDIOVISUAL INSTRUCTION, *CHEMISTRY, *INSTRUCTION, *INSTRUCTIONAL MATERIALS, *INSTRUCTIONAL TELEVISION, *TELEVISION, AUDIOVISUAL MEDIA, CLOSED CIRCUIT TELEVISION, COLLEGE SCIENCE, EQUIPMENT, TEACHING TECHNIQUES, VIDEOTAPE RECORDINGS

16. SE 500 647
BARNARD, W. ROBERT; SCHRAGE, SAMUEL
FILMS FOR CHEMICAL EDUCATION
JOURNAL OF CHEMICAL EDUCATION
05 00 69 3
*CHEMISTRY, *FILMS, *INSTRUCTIONAL MATERIALS, *PROJECTION EQUIPMENT, COLLEGE SCIENCE, GRADING, SECONDARY SCHOOL SCIENCE, TAPE RECORDERS, ADVISORY COUNCIL ON COLLEGE CHEMISTRY, 1969

17. SE 006 275
BARNHART, WILLIAM M.
NATUREALM, A CLASSROOM TEACHING AND RESOURCE GUIDE IN CONSERVATION EDUCATION
NATUREALM, DUNCANSVILLE, PENNSYLVANIA
EDRS
ED 028 086 MF $1.00 HC $12.85
08 00 68 255
*CONSERVATION (CONCEPT), *ECOLOGY, *INSTRUCTIONAL MATERIALS, *SECONDARY SCHOOL SCIENCE, *TEACHING GUIDES, BIOLOGICAL SCIENCES, BIBLIOGRAPHIES, EARTH SCIENCE, 1968, ELEMENTARY AND SECONDARY EDUCATION ACT OF 1965, TITLE III

18. SE 006 670
BARRILLEAUX, LOUIS E.
AN EXPERIMENT ON THE EFFECTS OF MULTIPLE LIBRARY SOURCES AS COMPARED TO THE USE OF A BASIC TEXTBOOK IN JUNIOR HIGH SCHOOL SCIENCE
THE JOURNAL OF EXPERIMENTAL EDUCATION
67 9
ATTITUDES, ACADEMIC ACHIEVEMENT, CRITICAL THINKING, *DOCTORAL THESES, GRADE 8, GRADE 9, *INSTRUCTIONAL MATERIALS, LIBRARY MATERIALS, *REFERENCE MATERIALS, RESEARCH REPORTS, *SECONDARY SCHOOL SCIENCE, *TEXTBOOKS, 1967

19. SE 001 810
BARRILLEAUX, LOUIS E.
AN EXPERIMENTAL INVESTIGATION OF THE EFFECTS OF MULTIPLE LIBRARY SOURCES AS COMPARED TO THE USE OF A BASIC TEXTBOOK ON STUDENT ACHIEVEMENT AND LEARNING ACTIVITY IN JUNIOR HIGH SCHOOL SCIENCE
UNIVERSITY OF IOWA, IOWA CITY
UNIVERSITY MICROFILMS, ANN ARBOR, MICHIGAN
65 281
*ACADEMIC ACHIEVEMENT, COMPARATIVE ANALYSIS, CRITICAL THINKING, DOCTORAL THESES, GENERAL SCIENCE, GRADE 8, GRADE 9, *INSTRUCTION, *INSTRUCTIONAL MATERIALS, *LIBRARY INSTRUCTION, RESEARCH REPORTS, *SECONDARY SCHOOL SCIENCE, SCIENTIFIC ATTITUDES, WATSON-GLASER CRITICAL THINKING APPRAISAL, TEST ON UNDERSTANDING SCIENCE,1965

20. SE 005 843
BEAUCHAMP, WILBUR L.; YOUNG, DORIS
SCIENCE IS WONDERING
SCOTT, FORESMAN AND COMPANY
61 64
*CHARTS, *EQUIPMENT, *ELEMENTARY SCHOOL SCIENCE, *INSTRUCTIONAL MATERIALS, *TEACHING GUIDES, 1961

21. SE 500 496
BELL, GRAYDON D.; TUBBS, ELDRED F.
USE OF GRATING TO FIND INTERFEROMETER WHITE LIGHT FRINGES
AMERICAN JOURNAL OF PHYSICS
03 00 69 3
*COLLEGE SCIENCE, *LIGHT, *PHYSICS, *SCIENCE EQUIPMENT, *SCIENCE ACTIVITIES, DIFFRACTION GRATING, INTERFEROMETERS, MICHELSON INTERFEROMETERS

22. SE 500 760
BERG, T. G. OWE
APPARATUS FOR SUSPENSION OF CHARGED PARTICLES AND DROPLETS
AMERICAN JOURNAL OF PHYSICS
09 00 69 2
*ELECTROOPTICS, *MEASUREMENT, *PHYSICS, *SCIENCE ACTIVITIES, *SCIENCE EQUIPMENT, COLLEGE SCIENCE, EQUIPMENT UTILIZATION, LABORATORY EQUIPMENT, 1969

23. SE 005 752
BERGER, CARL; AND OTHERS
MODELS FOR ELECTRIC AND MAGNETIC INTERACTION - STUDENT MANUAL
SCIENCE CURRICULUM IMPROVEMENT STUDY, UNIVERSITY OF CALIFORNIA, BERKELEY
09 00 68 44
*CURRICULUM DEVELOPMENT, *ELEMENTARY SCHOOL SCIENCE, *INSTRUCTIONAL MATERIALS, *PHYSICAL SCIENCES, ELECTRICITY, LABORATORY MANUALS, MAGNETISM, SCIENCE ACTIVITIES, SCIENCE COURSE IMPROVEMENT PROJECT, SCIENCE CURRICULUM IMPROVEMENT STUDY, NATIONAL SCIENCE FOUNDATION

24. SE 500 722
BERNDT, ALAN F.
BINARY PHASE DIAGRAMS - TEXTBOOK ERRORS, 93
JOURNAL OF CHEMICAL EDUCATION
09 00 69 1
*CHEMISTRY, *INSTRUCTIONAL MATERIALS, *TEXTBOOK CONTENT, COLLEGE SCIENCE, CHARTS, BINARY PHASE DIAGRAMS, 1969

25. SE 007 474
BETHLEHEM AREA SCHOOL DISTRICT
DIGGERS TO DIVERS, GEOLOGY K-6, ELEMENTARY SCIENCE UNIT NUMBER 2
BETHLEHEM AREA SCHOOL DISTRICT, PENNSYLVANIA
EDRS
ED 033 036 MF $1.00 HC NOT AVAILABLE FROM EDRS
68 217
*CURRICULUM GUIDES, CONCEPT FORMATION, DISCOVERY LEARNING, *ELEMENTARY SCHOOL SCIENCE, *EARTH SCIENCE, *GEOLOGY, INSTRUCTIONAL MATERIALS, MARINE BIOLOGY, OCEANOLOGY, PROBLEM SOLVING, *SCIENCE ACTIVITIES, TEACHING PROCEDURES, 1968

26. SE 007 475
BETHLEHEM AREA SCHOOL DISTRICT
SPACE SCIENCE, K-6, ELEMENTARY SCIENCE UNIT NUMBER 1
BETHLEHEM AREA SCHOOL DISTRICT, PENNSYLVANIA
EDRS
ED 033 037 MF $0.75 HC NOT AVAILABLE FROM EDRS
66 172
*AEROSPACE TECHNOLOGY, ASTRONOMY, *CURRICULUM GUIDES, CONCEPT FORMATION, *DISCOVERY LEARNING, *ELEMENTARY SCHOOL SCIENCE, EDUCATIONAL OBJECTIVES, INSTRUCTIONAL MATERIALS, PROBLEM SOLVING, *SCIENCE ACTIVITIES, SCIENCE EQUIPMENT, TEACHING PROCEDURES, 1966

27. SE 005 912
BEUSCHLEIN, MURIEL
FREE AND INEXPENSIVE TEACHING AIDS FOR SCIENCE EDUCATION
CHICAGO STATE COLLEGE, ILLINOIS
CHICAGO STATE COLLEGE, 6800 SOUTH STEWART AVENUE, CHICAGO, ILLINOIS
ED 028 924 NOT AVAILABLE FROM EDRS
68 55
*DIRECTORIES, *INSTRUCTIONAL MATERIALS, *RESOURCE MATERIALS, CONSERVATION EDUCATION, ELEMENTARY SCHOOL SCIENCE, GENERAL SCIENCE, HEALTH EDUCATION, PHYSICAL SCIENCES, SECONDARY SCHOOL SCIENCE, SCIENCE CAREERS

28. SE 500 694
BIGELOW, M. JEROME
THE STRUCTURE OF SOLID ALUMINUM CHLORIDE
JOURNAL OF CHEMICAL EDUCATION
08 00 69 2
*CHEMISTRY, *INSTRUCTIONAL MATERIALS, *STRUCTURAL ANALYSIS, *TEXTBOOK CONTENT, COLLEGE SCIENCE, UNDERGRADUATE STUDY, ALUMINUM CHLORIDE, 1969

29. SE 006 485
BINGHAM, C. D.
THE CULTURE AND USE OF PLANTS IN SCHOOL
JOURNAL OF BIOLOGICAL EDUCATION
12 00 68 10
*BOTANY, *CULTURING TECHNIQUES, BIOLOGY, ELEMENTARY SCHOOL SCIENCE, GREENHOUSES, INSTRUCTION, LABORATORY TECHNIQUES, RESOURCE MATERIALS, SCIENCE LABORATORIES, SECONDARY SCHOOL SCIENCE, SCIENCE ACTIVITIES

30. SE 006 709
BLANK, STANLEY S.; COVINGTON, MARTIN
INDUCING CHILDREN TO ASK QUESTIONS IN SOLVING PROBLEMS
JOURNAL OF EDUCATIONAL RESEARCH
09 00 65 7
*AUTOINSTRUCTIONAL PROGRAMS, *ELEMENTARY SCHOOL SCIENCE, *INSTRUCTIONAL MATERIALS, *INSTRUCTION, *QUESTIONING TECHNIQUES, PROGRAM DESCRIPTIONS, *PROBLEM SOLVING, RESEARCH REPORTS, UNIFIED SCIENCE, CALIFORNIA TESTS OF MENTAL MATURITY

31. SE 500 438
BLUM, RONALD
COMPUTERS IN THE PHYSICS CURRICULUM
THE PHYSICS TEACHER
09 00 69 2
*COMPUTER ORIENTED PROGRAMS, *COMPUTER ASSISTED INSTRUCTION, *COMPUTERS, *PHYSICS, *SCIENCE EQUIPMENT, COLLEGE SCIENCE, SECONDARY SCHOOL SCIENCE, COMMISSION ON COLLEGE PHYSICS, INTRODUCTORY COMPUTER-BASED MECHANICS, COMPUTER BASED PHYSICS, 1969

32. SE 500 262
BOGUT, THOMAS L.
PLATFORM BALANCE
SCIENCE AND CHILDREN
04 00 69 1
*ELEMENTARY SCHOOL SCIENCE, *MEASUREMENT INSTRUMENTS, *MATERIAL DEVELOPMENT, *SCIENCE EQUIPMENT

33. SE 500 561
BREWER, JOHN M.; ASHWORTH, RAYMOND B.
DISC ELECTROPHORESIS
JOURNAL OF CHEMICAL EDUCATION
01 00 69 5
*LABORATORY EQUIPMENT, *ORGANIC CHEMISTRY, *SCIENCE ACTIVITIES, *SCIENCE EQUIPMENT, COLLEGE SCIENCE, ELECTRICITY, ELECTROPHORESIS, LABORATORY PROCEDURES, SCIENCE MATERIALS, NATIONAL SCIENCE FOUNDATION, 1969

34. SE 006 854
BREYERE, EDWARD J.; SPRENGER, WOLFGANG W.
A TEACHING AID FOR ESTIMATING HOST RESPONSE TO ALLOGRAFTS
BIOSCIENCE
08 00 69 3
BIOLOGY, *COLLEGE SCIENCE, *IMMUNOLOGY, LABORATORY EQUIPMENT, LABORATORY TECHNIQUES, *MICROBIOLOGY, MODELS, *SCIENCE ACTIVITIES, *SCIENCE EQUIPMENT, 1969

35. SE 500 731
BROWN, OLIVER L. I.
AN IMPROVED EQUIVALENT WEIGHT APPARATUS
JOURNAL OF CHEMICAL EDUCATION
09 00 69 1
*CHEMISTRY, *LABORATORY EQUIPMENT, *SCIENCE EQUIPMENT, *WEIGHT, COLLEGE SCIENCE, LABORATORY PROCEDURES, UNDERGRADUATE STUDY, 1969

36. SE 007 277
BROWN, RICHARD K.
MELTING POINT APPARATUS
JOURNAL OF CHEMICAL EDUCATION
08 00 65 1
*CHEMISTRY, *COLLEGE SCIENCE, *LABORATORY EQUIPMENT, *MEASUREMENT INSTRUMENTS, *MELTING POINTS, SCIENCE ACTIVITIES, 1965

37. SE 500 272
BULLEN, T. G.
AN IMPROVED INCLINED PLANE FOR INTRODUCTORY PHYSICS
THE PHYSICS TEACHER
03 00 69 2
*PHYSICS, *SCIENCE EQUIPMENT, *SECONDARY SCHOOL SCIENCE, LABORATORY EQUIPMENT, MECHANICS (PROCESS), PHYSICAL SCIENCES, INCLINED PLANE

38. SE 006 766
BUSCH, PHYLLIS S.
SOME GUIDES TO DISCOVERY ABOUT ELM TREES, OWLS, COCKROACHES, EARTHWORMS, CEMENT AND CONCRETE, GRADES K-6
ULSTER COUNTY BOARD OF COOPERATIVE EDUCATION SERVICES, NEW PALTZ, NEW YORK
EDRS
ED 035 540 MF $0.25 HC $1.00
69 18
BIOLOGY, *CONSERVATION EDUCATION, DISCOVERY LEARNING, *ELEMENTARY SCHOOL SCIENCE, GENERAL SCIENCE, *INSTRUCTIONAL MATERIALS, RESOURCE GUIDES, *SCIENCE ACTIVITIES, *TEACHING GUIDES, SCIENCE PROJECT RELATED TO UPGRADING CONSERVATION EDUCATION, ELEMENTARY AND SECONDARY EDUCATION ACT TITLE III

39. SE 006 769
BUSCH, PHYLLIS S.
URBAN DISCOVERY MANUAL, 75 STIMULATING IDEAS FOR INVESTIGATING SOME COMMON URBAN RESOURCES, K-6
ULSTER COUNTY BOARD OF COOPERATIVE EDUCATION SERVICES, NEW PALTZ, NEW YORK
EDRS
ED 033 844 MF $0.25 HC $1.70
69 32
BIOLOGY, *CONSERVATION EDUCATION, *ELEMENTARY SCHOOL SCIENCE, EARTH SCIENCE, *INSTRUCTIONAL MATERIALS, POLLUTION, RESOURCE MATERIALS, SCIENCE ACTIVITIES, *TEACHER GUIDES, *URBAN EDUCATION, ELEMENTARY AND SECONDARY EDUCATION ACT TITLE III

40. SE 007 478
BUSCH, PHYLLIS S.
THE USE OF THE INDOOR-OUTDOOR-INDOOR APPROACH TO TEACHING SCIENCE CONSERVATION WITH CONCENTRATION ON METHODS OF INQUIRY AND EMPHASIS ON PROCESSES OF SCIENCE FOR GRADES K-3
ULSTER COUNTY BOARD OF COOPERATIVE EDUCATION SERVICES, NEW PALTZ, NEW YORK
EDRS
ED 032 220 MF $0.25 HC $1.45
69 27
BIOLOGY, *CONSERVATION EDUCATION, DISCOVERY LEARNING, *ELEMENTARY SCHOOL SCIENCE, EARTH SCIENCE, INSTRUCTIONAL MATERIALS, *OUTDOOR EDUCATION, SCIENCE ACTIVITIES, SCIENCE COURSE IMPROVEMENT PROJECT, STUDENT INVESTIGATIONS, TEACHING GUIDES, 1969, SCIENCE PROJECT RELATED TO UPGRADING CONSERVATION EDUCATION, ELEMENTARY AND SECONDARY EDUCATION ACT TITLE III

41. SE 006 890
BUTTS, DAVID P.
DESIGNS FOR PROGRESS IN SCIENCE EDUCATION
NATIONAL SCIENCE TEACHERS ASSOCIATION, WASHINGTON, D.C.
EDRS
ED 030 565 MF $0.50 HC NOT AVAILABLE FROM EDRS
69 121
*CURRICULUM, EDUCATIONAL CHANGE, *EDUCATIONAL OBJECTIVES, *INSTRUCTION, SUPERVISION, *SCIENCE EDUCATION, *SOCIOECONOMIC INFLUENCES, SCIENTIFIC LITERACY, SOCIAL INFLUENCES, TECHNOLOGY, TEACHER ROLE, TEACHING MODELS, TEACHER EDUCATION, NATIONAL SCIENCE TEACHERS ASSOCIATION

42. SE 004 139
CADDEN, JOHN J.; BROSTOWN, PATRICK R.
SCIENCE AND LITERATURE, A READER
D. C. HEATH AND COMPANY
64 310
*BIBLIOGRAPHIES, *INSTRUCTIONAL MATERIALS, *LITERATURE, *SCIENTIFIC LITERACY, *SCIENCES, ESSAYS, FICTION, POETRY, 1964

43. SE 006 491
CARPENTER, CHARLES D.
MOBILE SCIENCE LABORATORY
SCIENCE AND CHILDREN
10 00 68 3
*EDUCATIONAL PROGRAMS, *MOBILE LABORATORIES, *PROGRAM DESCRIPTIONS, *SCIENCE FACILITIES, BIOLOGY, ELEMENTARY SCHOOL SCIENCE, ECOLOGY, FIELD TRIPS, GEOLOGY, INSTRUCTION, SECONDARY SCHOOL SCIENCE

44. SE 500 759
CARR, H. Y.; AND OTHERS
LAUNCHER AND TRANSPARENT AIR TABLE FOR USE WITH OVERHEAD PROJECTOR
AMERICAN JOURNAL OF PHYSICS
09 00 69 3
*CONSERVATION (CONCEPTS), *EQUIPMENT UTILIZATION, *LABORATORY EQUIPMENT, *PHYSICS, *SCIENCE EQUIPMENT, COLLEGE SCIENCE, MECHANICS (PROCESS), OVERHEAD PROJECTORS, TRANSPARENT AIR TABLE, 1969

45. SE 006 440
CASPERSON, L. W.; NICOLET, M. A.
VIBRATIONS OF A CIRCULAR MEMBRANE
AMERICAN JOURNAL OF PHYSICS
08 00 68 3
*COLLEGE SCIENCE, *LABORATORY EXPERIMENTS, *PHYSICS, *SCIENCE EQUIPMENT, *WAVE THEORY, INSTRUCTION, SCIENCE ACTIVITIES

46. SE 500 673
CHESICK, JOHN P.
SUBROUTINES FOR EVALUATION OF INTEGRALS FOR STUDENT QUANTUM CHEMISTRY CALCULATIONS
JOURNAL OF CHEMICAL EDUCATION
07 00 69 3
*CHEMISTRY, *COMPUTER PROGRAMS, *COURSE DESCRIPTIONS, *COLLEGE SCIENCE, *SCIENCE EQUIPMENT, CHEMICAL BONDING, QUANTUM MECHANICS, HAVERFORD COLLEGE, FORTRAN, 1969

47. SE 007 297
CHRISTIAN, SHERRIL D.
REVERSIBLE WORK
JOURNAL OF CHEMICAL EDUCATION
10 00 65 2
*CHEMISTRY, *COLLEGE SCIENCE, *INSTRUCTIONAL MATERIALS, *TEXTBOOK ERRORS, THERMODYNAMICS, CHEMICAL REACTIONS, PHYSICAL CHEMISTRY, SCIENTIFIC PRINCIPLES, 1965

48. SE 006 429
CLAESSENS, K.; FONTIJN, F.
TESTING DISTILLATION COLUMNS WITH CIS-TRANS DECALIN
JOURNAL OF CHEMICAL EDUCATION
10 00 68 2
*CHEMISTRY, *COLLEGE SCIENCE, *LABORATORY TECHNIQUES, *SCIENCE EQUIPMENT, DISTILLATION COLUMNS, LABORATORY EXPERIMENTS, CIS-TRANS DECALIN

49. SE 500 681
CLARKE, MICHAEL J.; VENEZKY, DAVID L.
TEFLON MIXING VIAL FOR HANDLING SOLIDS FOR INFRARED SPECTROSCOPY
JOURNAL OF CHEMICAL EDUCATION
07 00 69 1
*CHEMISTRY, *INSTRUMENTATION, *LABORATORY EQUIPMENT, *SCIENCE EQUIPMENT, *SPECTROSCOPY, COLLEGE SCIENCE, LABORATORY TECHNIQUES, SAMPLING, 1969

50. SE 006 537
COHEN, DAVID; AND OTHERS
ASTRONOMY
THOMAS NELSON AND SONS PUBLISHERS
68 82
*ASTRONOMY, *ELEMENTARY SCHOOL SCIENCE, *INTERNATIONAL EDUCATION, *INSTRUCTIONAL MATERIALS, *SECONDARY SCHOOL SCIENCE, PHYSICAL SCIENCES, SCIENCE ACTIVITIES, AUSTRALIA

51. SE 500 498
COLLINGS, PETER J.; GORDON, JOEL E.
AN UNDERGRADUATE EXPERIMENT DEMONSTRATING FLUX QUANTIZATION AND SUPERCONDUCTIVITY
AMERICAN JOURNAL OF PHYSICS
03 00 69 3
*COLLEGE SCIENCE, *ELECTRICITY, *PHYSICS, *QUANTUM MECHANICS, *SCIENCE EQUIPMENT, SUPERCONDUCTORS, CRYOGENICS, TUNNELING EFFECT, NATIONAL SCIENCE FOUNDATION, 1969

52. SE 500 619
COLLINS, KENNETH E.
A CONVENIENT GLASS-TO-GLASS CONNECTOR
JOURNAL OF CHEMICAL EDUCATION
03 00 69 1
*CHEMISTRY, *LABORATORY EQUIPMENT, *SCIENCE EQUIPMENT, COLLEGE SCIENCE, VACUUM SYSTEMS, O-RING JOINTS

53. SE 006 758
COMMISSION ON UNDERGRADUATE EDUCATION IN THE BIOLOGICAL SCIENCES
GUIDELINES FOR PLANNING BIOLOGICAL FACILITIES
COMMISSION ON UNDERGRADUATE EDUCATION IN THE BIOLOGICAL SCIENCES, WASH., D.C.
67 55
*BIOLOGY, *COLLEGE SCIENCE, *FACILITY GUIDELINES, *SCIENCE FACILITIES, BIBLIOGRAPHIES, CONSULTATION PROGRAMS, CHECKLISTS, FINANCIAL SUPPORT, PHYSICAL FACILITIES, SCIENCE EQUIPMENT, UNDERGRADUATE EDUCATION

54. SE 006 317
CORLISS, WILLIAM R.; ANDERTON, DAVID A.
AMERICA IN SPACE, THE FIRST DECADE - SPACE PHYSICS AND ASTRONOMY, MAN IN SPACE, EXPLORING THE MOON AND PLANETS, PUTTING SATELLITES TO WORK, NASA SPACECRAFT, SPACECRAFT TRACKING, LINKING MAN AND SPACECRAFT
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION, WASHINGTON, D.C.
EDRS
ED 027 223 MF $1.00 HC $10.40
10 00 68 206
*AEROSPACE TECHNOLOGY, *ADULT EDUCATION, *INSTRUCTIONAL MATERIALS, *SECONDARY SCHOOL SCIENCE, ASTRONOMY, PHYSICS, NATIONAL AERONAUTICS AND SPACE ADMINISTRATION

55. SE 006 776
COWAN, PAUL J.
AUTOINSTRUCTIONAL MATERIALS IN TEACHING PHYSICS IN SMALL HIGH SCHOOLS
JOURNAL OF EXPERIMENTAL EDUCATION
67 5
*AUTOINSTRUCTIONAL METHODS, AUTOINSTRUCTIONAL MATERIALS, ACHIEVEMENT, COMPARATIVE STUDY, *INSTRUCTION, *INSTRUCTIONAL MATERIALS, *PHYSICS, RESEARCH REPORTS, *SECONDARY SCHOOL SCIENCE, SMALL CLASSES, SMALL GROUP INSTRUCTION, TEACHING METHODS, *PHYSICAL SCIENCE STUDY COMMITTEE

56. SE 007 298
COWANS, JOSEPH A.; KATZ, SIDNEY A.
ENZYME ACTIVITY AND INACTIVATION, A LABORATORY EXPERIMENT
JOURNAL OF CHEMICAL EDUCATION
10 00 65 2
*BIOCHEMISTRY, *ENZYMES, *ENZYME ACTIVITY, *POTENTIOMETRIC TITRATION, *SCIENCE EXPERIMENTS, BIOLOGY, CHEMISTRY, COLLEGE SCIENCE, LABORATORY TECHNIQUES, 1965

57. SE 500 401
CRANE, H. R.
RECEPTION OF PICTURES FROM THE WEATHER SATELLITES USING HOMEMADE EQUIPMENT
THE PHYSICS TEACHER
05 00 69 3
*AEROSPACE TECHNOLOGY, *METEOROLOGY, *PHYSICAL SCIENCES, *SCIENCE ACTIVITIES, *SCIENCE EQUIPMENT, *WEATHER SATELLITES, PHYSICS

58. SE 005 115
CROASDALE, WILLIAM
MACHINES, MATERIALS, AND ENERGY: A SOURCE BOOK FOR THE MODERN ELEMENTARY SCHOOL SCIENCE PROGRAM OF THE SCIENCE MANPOWER PROJECT
COLUMBIA UNIVERSITY, NEW YORK, NEW YORK
UNIVERSITY MICROFILMS, ANN ARBOR, MICHIGAN
ED 027 186 NOT AVAILABLE FROM EDRS
66 324
*CURRICULUM DEVELOPMENT, *ELEMENTARY SCHOOL SCIENCE, *GENERAL SCIENCE, *INSTRUCTIONAL MATERIALS, *TEACHING GUIDES, DOCTORAL THESES, SCIENCE MANPOWER PROJECT, 1966

59. SE 500 870
DAMASKOS, NICKANDER J.
ENGINEERING CONCEPTS COURSE GOES INTO OPERATION
THE SCIENCE TEACHER
11 00 69 2
*CURRICULUM, *ENGINEERING, *PROGRAM DESCRIPTIONS, *SECONDARY SCHOOL SCIENCE, *SCIENCE COURSES, COURSE OBJECTIVES, INSTRUCTIONAL MATERIALS, SCIENCE COURSE IMPROVEMENT PROJECT, PREVIEW OF MODERN CONCEPTS IN ENGINEERING, 1969

60. SE 005 774
DARNOWSKI, VINCENT S.
THREE TYPES OF PROGRAMED LEARNING AND THE CONVENTIONAL TEACHING OF THE NUCLEAR CHEMISTRY PORTION OF THE HIGH SCHOOL CHEMISTRY COURSE
NEW YORK UNIVERSITY, NEW YORK
UNIVERSITY MICROFILMS, ANN ARBOR, MICHIGAN
ED 027 193 NOT AVAILABLE FROM EDRS
68 381
*ACHIEVEMENT, *CHEMISTRY, *INSTRUCTION, *PROGRAMED INSTRUCTION, *SECONDARY SCHOOL ACIENCE, ACADEMIC ACHIEVEMENT, DOCTORAL THESES, EVALUATION, INSTRUCTIONAL MATERIALS, PROGRAMED MATERIALS, RETENTION

61. SE 500 618
DARROW,FRANK W.
A SENSITIVE SOLID STATE THERMOREGULATOR RELAY
JOURNAL OF CHEMICAL EDUCATION
03 00 69 2
*INSTRUMENTATION, *SCIENCE EQUIPMENT, *TEMPERATURE, ELECTRONICS, MEASUREMENT, PHYSICAL SCIENCES, RELAYS, SOLID STATE PHYSICS, TRANSISTORS, 1969

62. SE 006 103
DAVIS, ROBERT C.; AND OTHERS
PLANT GROWTH RESOURCE BOOK, TEACHER GUIDE PACKET, AND STUDENT GUIDE CARDS
EDUCATIONAL RESEARCH COUNCIL OF AMERICA, CLEVELAND, OHIO
10 00 68 61
*BOTANY, *INSTRUCTIONAL MATERIALS, *PHYSIOLOGY, *SECONDARY SCHOOL SCIENCE, *SCIENCE ACTIVITIES, BIOLOGY, EVALUATION, TESTS, TEACHING GUIDES, EDUCATIONAL RESEARCH COUNCIL

63. SE 006 101
DAVIS, ROBERT C.; VASILAKES, WILLIAM S.
CHEMICAL ANALYSIS RESOURCE BOOK, TEACHER GUIDE PACKET AND STUDENT GUIDE CARDS
EDUCATIONAL RESEARCH COUNCIL OF AMERICA, CLEVELAND, OHIO
09 00 68 109
*CHEMISTRY, *INSTRUCTIONAL MATERIALS, *SECONDARY SCHOOL SCIENCE, *SCIENCE ACTIVITIES, *DISCOVERY LEARNING, INQUIRY TRAINING, SCIENCE UNITS

64. SE 007 367
DELIDOW, STANLEY V.
PILOT STUDY OF LINEAR PROGRAMMED MATERIALS IN BIOLOGY
METROPOLITAN DETROIT SCIENCE REVIEW
05 00 66 8
*ACADEMIC ACHIEVEMENT, *BIOLOGY, COMPARATIVE ANALYSIS, EFFECTIVE TEACHING, GRADE 9, *INSTRUCTION, *PROGRAMED INSTRUCTION, PROGRAMED MATERIALS, *SECONDARY SCHOOL SCIENCE, 1966, BIOLOGICAL SCIENCES CURRICULUM STUDY YELLOW VERSION

65. SE 500 644
DeTHOMAS, ANTHONY V.; PASCUAL, FRANCIS
A "SANDWICH" APPARATUS FOR DEMONSTRATING RADIAL CHROMATOGRAPHY
JOURNAL OF CHEMICAL EDUCATION
05 00 69 2
*CHROMATOGRAPHY, *CHEMISTRY, *LABORATORY EQUIPMENT, *SCIENCE EQUIPMENT, CONSTRUCTION (PROCESS), 1969

66. SE 006 646
DeWITT, CALVIN B.
THERMOCOUPLE CONSTRUCTION AND USE IN TEMPERATURE MEASUREMENT
METROPOLITAN DETROIT SCIENCE REVIEW
69 2
*COLLEGE SCIENCE, *PHYSICAL SCIENCES, *PHYSICS, *SCIENCE ACTIVITIES, *SCIENCE EQUIPMENT, EQUIPMENT CONSTRUCTION, SECONDARY SCHOOL SCIENCE, TEMPERATURE, THERMAL ENVIRONMENT

67. SE 006 031
DIAMOND, ROBERT M.
A PROGRAMED BIOLOGY LABORATORY FOR THE NON-SCIENCE MAJOR
STATE UNIVERSITY OF NEW YORK, FREDONIA, INSTRUCTIONAL RESOURCES CENTER
06 00 68 42
*BIOLOGY, *CURRICULUM DEVELOPMENT, *COLLEGE SCIENCE, *COURSE EVALUATION, *PROGRAMED INSTRUCTION, COURSE DESCRIPTIONS, GENERAL EDUCATION, INSTRUCTION, SCIENCE FACILITIES

68. SE 007 068
DOTY, GENE
AN INTRODUCTION TO LABORATORY CHEMISTRY
NORTHWEST LIBRARY SERVICE, PORTLAND, OREGON
ED 031 398 NOT AVAILABLE FROM EDRS
69 120
*CHEMISTRY, *INSTRUCTIONAL MATERIALS, *LABORATORY MANUALS, LABORATORY EXPERIMENTS, *SECONDARY SCHOOL SCIENCE, *SCIENCE ACTIVITIES, SCIENCE EQUIPMENT

69. SE 006 459
DURANT, VICTORIA; MONTGOMERY, MARSHALL
PERIODIC MOTION STUDENT MANUAL
SCIENCE CURRICULUM IMPROVEMENT STUDY, BERKELEY, CALIFORNIA
02 00 69 38
*ELEMENTARY SCHOOL SCIENCE, *INSTRUCTIONAL MATERIALS, *LABORATORY MANUALS, *MOTION, *PHYSICS, GRADE 6, MEASUREMENT, SCIENCE CURRICULUM IMPROVEMENT STUDY

70. SE 006 076
EASLEY, JOHN A.; AND OTHERS
A SCHEME FOR THE ANALYSIS OF ELEMENTARY SCIENCE MATERIALS
EDUCATIONAL PRODUCTS INFORMATION EXCHANGE (EPIE) FORUM
11 00 67 5
*ELEMENTARY SCHOOL SCIENCE, *EVALUATION TECHNIQUES, *INSTRUCTIONAL MATERIALS, *SCIENCE EQUIPMENT, *SCIENCE MATERIALS, CONTENT ANALYSIS, EVALUATION, SCIENCE ACTIVITIES, TEXTBOOKS, TESTS, TEACHING PROCEDURES

71. SE 500 510
EATON, B. G.
A FRICTIONLESS, ROTATION-FREE SIMPLE ATWOOD'S MACHINE
AMERICAN JOURNAL OF PHYSICS
04 00 69 2
*FORCE, *GRAVITATIONAL FORCE, *PHYSICS, ACCELERATION, COLLEGE SCIENCE, SCIENCE EQUIPMENT, ATWOOD'S MACHINE, HOOKE'S LAW, 1969

72. SE 007 279
EDGE, ROBERT A.; FOWLES, GERALD W. A.
APPLICATIONS OF SODIUM-LEAD ALLOY IN QUALITATIVE INORGANIC ANALYSIS
JOURNAL OF CHEMICAL EDUCATION
08 00 65 1
*CHEMICAL ANALYSIS, *CHEMISTRY, *COLLEGE SCIENCE, *LABORATORY REAGENTS, *QUALITATIVE ANALYSIS, CHEMICAL REACTIONS, OXIDATION-REDUCTION, SCIENCE ACTIVITIES, SCIENCE MATERIALS, 1965

73. SE 500 533
EFINGER, HELMUT J.
AN INSTRUCTIVE MODEL FOR THE QUANTIZATION OF MAGNETIC MONOPOLES
AMERICAN JOURNAL OF PHYSICS
07 00 69 2
*ELECTRICITY, *MODELS, *QUANTUM MECHANICS, COLLEGE SCIENCE, PHYSICS, RESOURCE MATERIALS, DIRAC, LANDAU, 1969

74. SE 500 347
EVANS, THOMAS P.
WATER SAMPLING APPARATUS AND DETERMINATION OF DISSOLVED OXYGEN IN WATER
THE SCIENCE TEACHER
05 00 69 2
*BIOLOGY, *SCIENCE ACTIVITIES, ECOLOGY, MEASUREMENT, TECHNIQUES, RESOURCE MATERIALS, SECONDARY SCHOOL SCIENCE

75. SE 500 552
EWING, GALEN W.
CHEMICAL INSTRUMENTATION
JOURNAL OF CHEMICAL EDUCATION
01 00 69 18
*CHEMISTRY, *EQUIPMENT UTILIZATION, *EQUIPMENT EVALUATION, *MEASUREMENT INSTRUMENTS, *SCIENCE EQUIPMENT, COLLEGE SCIENCE, LABORATORY EQUIPMENT, INFRARED ANALYSIS, INFRARED SPECTROMETERS, 1969

76. SE 500 569
EWING, GALEN W.
CHEMICAL INSTRUMENTATION
JOURNAL OF CHEMICAL EDUCATION
02 00 69 14
*CHEMISTRY, *INSTRUMENTATION, *SCIENCE EQUIPMENT, CHROMATOGRAPHY, EQUIPMENT EVALUATION, SPECTROMETERS, 1969

77. SE 500 712
EWING, GALEN W.
CHEMICAL INSTRUMENTATION
JOURNAL OF CHEMICAL EDUCATION
09 00 69 15
*ELECTRONIC CONTROL, *SCIENCE EQUIPMENT, *SCIENTIFIC RESEARCH, *TEMPERATURE, HEAT, LABORATORY EQUIPMENT, PHYSICAL SCIENCES, THERMOCOUPLES, THERMISTORS, 1969

78. SE 500 605
EWING, GALEN W.
TOPICS IN CHEMICAL INSTRUMENTATION
JOURNAL OF CHEMICAL EDUCATION
03 00 69 20
*EQUIPMENT EVALUATION, *PHYSICAL SCIENCES, *SCIENCE EQUIPMENT, INSTRUMENTATION, LABORATORY TECHNIQUES, MAGNETS, MASS SPECTROMETERS

79. SE 500 621
EWING, GALEN W.
TOPICS IN CHEMICAL INSTRUMENTATION
JOURNAL OF CHEMICAL EDUCATION
04 00 69 22
*EQUIPMENT MANUFACTURERS, *LABORATORY EQUIPMENT, *SCIENCE EQUIPMENT, EQUIPMENT EVALUATION, PHYSICAL SCIENCES, MASS SPECTROMETERS, 1969

80. SE 500 634
EWING, GALEN W.
TOPICS IN CHEMICAL INSTRUMENTATION
JOURNAL OF CHEMICAL EDUCATION
05 00 69 24
*AUTOMATION, *ORGANIC CHEMISTRY, *SCIENCE EQUIPMENT, EQUIPMENT EVALUATION, INSTRUMENTATION, LABORATORY EQUIPMENT, ELEMENT ANALYZERS, 1969

81. SE 500 648
EWING, GALEN W.
TOPICS IN CHEMICAL INSTRUMENTATION
JOURNAL OF CHEMICAL EDUCATION
06 00 69 15
*ELECTRONICS, *INSTRUMENTATION, *MEASUREMENT, *PRESSURES, *SCIENCE EQUIPMENT, EQUIPMENT MANUFACTURERS, GAUGES, PHYSICAL SCIENCES, POTENTIOMETERS, SCIENTIFIC RESEARCH, 1969

82. SE 500 667
EWING, GALEN W.
TOPICS IN CHEMICAL INSTRUMENTATION
JOURNAL OF CHEMICAL EDUCATION
07 00 69 16
*EQUIPMENT MANUFACTURERS, *ELECTRONICS, *INSTRUMENTATION, EQUIPMENT EVALUATION, CAPACITORS, 1969

83. SE 500 685
EWING, GALEN W.
TOPICS IN CHEMICAL INSTRUMENTATION
JOURNAL OF CHEMICAL EDUCATION
08 00 69 14
*CONTROLLED ENVIRONMENT, *INSTRUMENTATION, *LABORATORY EQUIPMENT, *SCIENTIFIC RESEARCH, *TEMPERATURE, PHYSICAL SCIENCES, 1969

84. SE 500 814
EWING, GALEN W.
TOPICS IN CHEMICAL INSTRUMENTATION
JOURNAL OF CHEMICAL EDUCATION
10 00 69 9
*CHEMISTRY, *INSTRUMENTATION, *LABORATORY EQUIPMENT, *SCIENCE EQUIPMENT, EQUIPMENT EVALUATION, SCIENTIFIC RESEARCH, 1969

85. SE 006 015
EWING, GALEN W.
TOPICS IN CHEMICAL INSTRUMENTATION
JOURNAL OF CHEMICAL EDUCATION
12 00 68 6
*CHEMISTRY, *COLLEGE SCIENCE, *CHEMICAL ANALYSIS, *INSTRUMENTAL ANALYSIS, *SCIENCE EQUIPMENT, INSTRUMENTAL TECHNIQUES, LABORATORY TECHNIQUES, LABORATORY METHODS

86. SE 500 761
EXTERMANN, RICHARD C.
A LIGHT-SPOT FOLLOWER ATTACHMENT FOR POTENTIOMETER-TYPE CHART RECORDERS
AMERICAN JOURNAL OF PHYSICS
09 00 69 3
*ELECTROOPTICS, *MEASUREMENT, *PHYSICS, *SCIENCE EQUIPMENT, *SCIENCE ACTIVITIES, COLLEGE SCIENCE, EQUIPMENT UTILIZATION, LABORATORY EQUIPMENT, 1969

87. SE 007 270
FIESER, LOUIS F.
EXTENSIONS IN THE USE OF PLASTIC TETRAHEDRAL MODELS
JOURNAL OF CHEMICAL EDUCATION
08 00 65 5
*AUDIOVISUAL AIDS, *CHEMISTRY, *MOLECULAR MODELS, COLLEGE SCIENCE, INSTRUCTIONAL AIDS, MOLECULAR STRUCTURE, SCIENCE EQUIPMENT, SCIENTIFIC CONCEPTS, 1965

88. SE 006 642
FITZGIBBONS, ROBERT C.
ABOUT MICROSCOPES
METROPOLITAN DETROIT SCIENCE REVIEW
69 3
*EQUIPMENT MAINTENANCE, *MICROSCOPES, *SCIENCE EQUIPMENT, BIOLOGY, LABORATORY EQUIPMENT, LABORATORY TECHNIQUES, SECONDARY SCHOOL SCIENCE

89. SE 006 849
FOSTER, JOHN M.
USE OF THE OXYGEN ELECTRODE IN LECTURE OR STUDENT LABORATORY TO DEMONSTRATE PROPERTIES OF MITOCHONDRIA
BIOSCIENCE
06 00 69 3
*BIOCHEMISTRY, *BIOLOGY, COLLEGE SCIENCE, *LABORATORY TECHNIQUES, *SCIENCE EQUIPMENT, SCIENCE EXPERIMENTS, OXYGEN ELECTRODE, MITOCHONDRIA

90. SE 500 482
FRENCH, W. R., JR.; AND OTHERS
LITHIUM-DRIFTED GERMANIUM DETECTORS
AMERICAN JOURNAL OF PHYSICS
01 00 69 12
*COLLEGE SCIENCE, *ELECTRONICS, *LABORATORY EXPERIMENTS, *PHYSICS, *SCIENCE EQUIPMENT, MEASUREMENT, RADIATION, UNDERGRADUATE STUDY, LITHIUM DRIFTED GERMANIUM DETECTORS, 1969

91. SE 500 520
FRENCH, W. R.; BUNTING, R. L.
MEASUREMENT OF NEUTRON-INDUCED, FISSION-FRAGMENT ENERGY SPECTRA IN THE ADVANCEI LABORATORY
AMERICAN JOURNAL OF PHYSICS
06 00 69 9
*COLLEGE SCIENCE, *NUCLEAR PHYSICS, *PHYSICS, *RADIATION, *SCIENCE ACTIVITIES, LABORATORY EQUIPMENT, MEASUREMENT, UNDERGRADUATE STUDY, FISSION, NEUTRON ACTIVATION, OAK RIDGE TECHNICAL ENTERPRISES CORPORATION (ORTEC), HEAVY-ION DETECTOR

92. SE 006 694
GALEN, DONALD F.
HATCHING TECHNIQUES FOR ARTEMIA-BRINE SHRIMP
TURTOX NEWS
03 00 69 5
BRINE SHRIMP, *BIOLOGY, *LABORATORY TECHNIQUES, *SECONDARY SCHOOL SCIENCE, *SCIENCE MATERIALS

93. SE 500 488
GARWIN, RICHARD L.
KINEMATICS OF AN ULTRAELASTIC ROUGH BALL
AMERICAN JOURNAL OF PHYSICS
01 00 69 5
*COLLEGE SCIENCE, *MECHANICS, *MOTION, *PHYSICS, *SCIENCE ACTIVITIES, *SCIENCE EQUIPMENT, ENERGY, LABORATORY EXPERIMENTS, KINEMATICS, ELASTICITY, WHAM-O SUPER BALL, 1969

94. SE 007 269
GODFREY, JOHN C.
STEREO MOLECULAR MODELS
JOURNAL OF CHEMICAL EDUCATION
08 00 65 4
*AUDIOVISUAL AIDS, *CHEMISTRY, *MOLECULAR MODELS, *SCIENCE EQUIPMENT, COLLEGE SCIENCE, INSTRUCTIONAL AIDS, MOLECULAR STRUCTURE, SCIENTIFIC CONCEPTS, SECONDARY SCHOOL SCIENCE, 1965

95. SE 007 149
GOLDBERG, HARRIS PAUL
THREE-DIMENSIONAL MOLECULAR MODELS AND THE LEARNING OF ATOMIC STRUCTURE, CHEMICAL BONDING, AND VALENCY THEORY AT THE SECONDARY LEVEL IN CHEMISTRY
BOSTON UNIVERSITY, MASSACHUSETTS
UNIVERSITY MICROFILMS, ANN ARBOR, MICHIGAN
65 140
*CHEMISTRY, *INSTRUCTIONAL AIDS, *INSTRUCTION, *SECONDARY SCHOOL SCIENCE, ATOMIC STRUCTURE, CHEMICAL BONDING, DOCTORAL THESES, MEASUREMENT INSTRUMENTS, MOLECULAR MODELS, RESEARCH REPORTS, 1965, SEQUENTIAL TEST OF EDUCATIONAL PROGRESS IN SCIENCE, ATOMIC STRUCTURE AND VALENCY ACHIEVEMENT TEST, ATOMIC STRUCTURE AND CHEMICAL BONDING ACHIEVEMENT TEST

96. SE 500 762
GOODMAN, JOHN M.
PARABOLOIDS AND VORTICES IN HYDRODYNAMICS
AMERICAN JOURNAL OF PHYSICS
09 00 69 5
*HYDRAULICS, *KINETICS, *PHYSICS, *SCIENCE EQUIPMENT, *SCIENCE ACTIVITIES, COLLEGE SCIENCE, EQUIPMENT UTILIZATION, LABORATORY EQUIPMENT, 1969

97. SE 500 190
GOTTLIEB, HERBERT H.
APPARATUS FOR TEACHING PHYSICS
THE PHYSICS TEACHER
02 00 69 3
*INSTRUCTIONAL MATERIALS, *PHYSICS, *SCIENCE EQUIPMENT, AUDIOVISUAL AIDS, COLLEGE SCIENCE, SECONDARY SCHOOL SCIENCE, SCIENCE ACTIVITIES

98. SE 500 369
GOTTLIEB, HERBERT H.
APPARATUS FOR TEACHING PHYSICS
THE PHYSICS TEACHER
04 00 69 5
*PHYSICAL SCIENCES, *PHYSICS, *SCIENCE EQUIPMENT, *SCIENCE ACTIVITIES, COLLEGE SCIENCE, LIGHT, RADIATION EFFECTS, SECONDARY SCHOOL SCIENCE, SOUND

99. SE 500 406
GOTTLIEB, HERBERT H.
APPARATUS FOR TEACHING PHYSICS
THE PHYSICS TEACHER
05 00 69 4
*PHYSICAL SCIENCES, *PHYSICS, *SCIENCE EXPERIMENTS, *SCIENCE EQUIPMENT, COLLEGE SCIENCE, ELECTRICITY, HEAT, LIGHT, SECONDARY SCHOOL SCIENCE, RADIATION

100. SE 500 788
GOTTLIEB, HERBERT H.
APPARATUS FOR TEACHING PHYSICS
THE PHYSICS TEACHER
10 00 69 3
*SCIENCE EQUIPMENT, COLLEGE SCIENCE, DEMONSTRATIONS (EDUCATIONAL), ELECTRONICS, OSCILLOSCOPES, PHYSICS, SPECTROMETERS, SECONDARY SCHOOL SCIENCE, 1969

101. SE 007 490
GOYAL, K. C.; SWAMI, PIYUSH
RESEARCH IDEAS FOR SCIENCE PROJECTS
NATIONAL COUNCIL OF EDUCATIONAL RESEARCH AND TRAINING, NEW DELHI, INDIA
EDRS
ED 033 038 MF $0.50 HC $3.30
69 64
BIOLOGICAL SCIENCES, FOREIGN COUNTRIES, PHYSICAL SCIENCES, *SECONDARY SCHOOL SCIENCE, SCIENCE EXPERIMENTS, *SCIENCE PROJECTS, *STUDENT RESEARCH, INDIAN NATIONAL COUNCIL OF EDUCATIONAL RESEARCH AND TRAINING, UNITED STATES AGENCY FOR INTERNATIONAL DEVELOPMENT

102. SE 500 022
GREGG, CHARLES W.; STRUTHERS, JOSEPH A.
SPRINGS
SCIENCE AND CHILDREN
02 00 69 4
*ELEMENTARY SCHOOL SCIENCE, *INSTRUCTION, *PHYSICAL SCIENCES, *SCIENCE ACTIVITIES, *SCIENCE EQUIPMENT, SCIENTIFIC CONCEPTS

103. SE 006 444
GROSSBERG, ALAN B.
QUANTITATIVE FIELD MAPPING EXPERIMENTS
AMERICAN JOURNAL OF PHYSICS
08 00 68 3
*COLLEGE SCIENCE, *COMPUTERS, *INSTRUCTION, *PHYSICS, *SCIENCE EQUIPMENT, ELECTROSTATICS, LABORATORY EXPERIMENTS, SCIENCE ACTIVITIES, FORTRAN

104. SE 500 693
GYMER, ROGER G.
FLUID-FLOW SIMULATION OF MOLECULAR ORBITALS
JOURNAL OF CHEMICAL EDUCATION
08 00 69 2
*AUDIOVISUAL AIDS, *CONSTRUCTION, *CHEMISTRY, *SCIENCE EQUIPMENT, DEMONSTRATIONS (EDUCATIONAL), INSTRUCTION, SCIENTIFIC CONCEPTS, MOLECULAR ORBITAL THEORY, 1969

105. SE 500 514
HAGESETH, GAYLORD T.
FORCED OSCILLATIONS AND MAGNETIC RESONANCE IN THE INTRODUCTORY LABORATORY
AMERICAN JOURNAL OF PHYSICS
05 00 69 3
*COLLEGE SCIENCE, *RESONANCE, *SCIENCE ACTIVITIES, INSTRUCTIONAL MATERIALS, LABORATORY EQUIPMENT, PHYSICS, UNDERGRADUATE STUDY, OSCILLATORS, MAGNETIC RESONANCE, 1969

106. SE 500 490
HAGESETH, GAYLORD T.; McCORMACK, FRANCIS J.
THE POORMAN'S MACROSCOPIC SCATTERING ANALYZER
AMERICAN JOURNAL OF PHYSICS
02 00 69 7
*COLLEGE SCIENCE, *NUCLEAR PHYSICS, *PHYSICS, *SCIENCE ACTIVITIES, *SCIENCE EQUIPMENT, INSTRUCTION, LABORATORY EQUIPMENT, MOTION, SCATTERING ANALYZER

107. SE 006 419
HAIGHT, G. P.
A TRANSPARENT DUST EXPLOSION APPARATUS
JOURNAL OF CHEMICAL EDUCATION
10 00 68 1
*CHEMISTRY, *COLLEGE SCIENCE, *DEMONSTRATION EQUIPMENT, *LABORATORY EXPERIMENTS, *SCIENCE EQUIPMENT, DEMONSTRATIONS (SCIENCE), LABORATORY EQUIPMENT, SECONDARY SCHOOL SCIENCE

108. SE 006 389
HAMILTON, J. H.; STEVENS, W. H.
AN IMPROVED BLACKBOARD OPTICS SYSTEM
AMERICAN JOURNAL OF PHYSICS
12 00 68 1
*INSTRUCTION, *PHYSICS, *SCIENCE EQUIPMENT, COLLEGE SCIENCE, INSTRUCTIONAL MATERIALS, LIGHT, LABORATORY EXPERIMENTS, LABORATORY EQUIPMENT, OPTICAL INTERFERENCE, OPTICAL EXPERIMENTS, SECONDARY SCHOOL SCIENCE

109. SE 006 702
HANEY, RICHARD E.
MODERN MATERIALS MOTIVATE
SCHOOL BOARD JOURNAL
07 00 65 3
*EDUCATIONAL PROGRAMS, *ELEMENTARY SCHOOL SCIENCE, *EDUCATIONAL OBJECTIVES, *SCIENCE EQUIPMENT, *SCIENCE FACILITIES, MOTIVATION, PAPERS

110. SE 500 529
HASTINGS, R. B.
THERMISTOR EXPLORATIONS IN A KUNDT TUBE
AMERICAN JOURNAL OF PHYSICS
07 00 69 4
*COLLEGE SCIENCE, *PHYSICS, *ACOUSTICS, *TEMPERATURE, INSTRUCTIONAL MATERIALS, LABORATORY EQUIPMENT, WAVES, THERMISTOR BG 32P8, KUNDT TUBE, 1969

111. SE 500 263
HELDMAN, LAWRENCE J.; LITTLE, RICHARD
GREENHOUSE AND VIVARIUM CENTERS
SCIENCE AND CHILDREN
04 00 69 3
*BIOLOGY, *ELEMENTARY SCHOOL SCIENCE, *PLANT GROWTH, *SCIENCE EQUIPMENT, CONSTRUCTION (PROCESS), GREENHOUSES

112. SE 007 286
HERBENER, R. E.
AUTOMATIC FRACTION COLLECTOR FOR COLUMN CHROMATOGRAPHY
JOURNAL OF CHEMICAL EDUCATION
08 00 65 2
*CHEMISTRY, *COLLEGE SCIENCE, *CHROMATOGRAPHY, *LABORATORY EQUIPMENT, *SCIENCE EQUIPMENT, 1965, AUTOMATIC FRACTION COLLECTOR

113. SE 500 707
HERRON, J. DUDLEY
SIMPLIFIED APPARATUS FOR ELECTROPHORESIS ON PAPER
JOURNAL OF CHEMICAL EDUCATION
08 00 69 1
*CHEMISTRY, *ELECTROPHORESIS, *SCIENCE EQUIPMENT, *SCIENCE ACTIVITIES, COLLEGE SCIENCE, ELECTRICITY, GRADE 8, SECONDARY SCHOOL SCIENCE, INTERMEDIATE SCIENCE CURRICULUM STUDY PROJECT, 1969

114. SE 006 649
HERTZLER, EMMANUEL C.; GEDEON, ANTHONY
OPERATIONAL AMPLIFIERS FOR THE BIOLOGIST
METROPOLITAN DETROIT SCIENCE REVIEW
69 3
*BIOLOGY, *LABORATORY EQUIPMENT, *SCIENCE EQUIPMENT, COLLEGE SCIENCE, ELECTRONIC EQUIPMENT, MEASUREMENT EQUIPMENT, RESOURCE MATERIALS, SECONDARY SCHOOL SCIENCE

115. SE 007 294
HILL, DEREK L.; AND OTHERS
HEAT OF REACTION IN AQUEOUS SOLUTION BY POTENTIOMETRY AND CALORIMETRY
JOURNAL OF CHEMICAL EDUCATION
10 00 65 4
*CALORIMETRY, *CHEMISTRY, *SCIENCE EXPERIMENTS, *POTENTIOMETERS, *THERMOCHEMISTRY, COLLEGE SCIENCE, LABORATORY TECHNIQUES, HEAT OF REACTION, 1965

116. SE 006 331
HILL, EDWIN K.; AND OTHERS
BASIC ELECTRICITY, STUDENT WORKBOOK
WASHINGTON STATE UNIVERSITY, PULLMAN, DEPARTMENT OF EDUCATION
17
*ELECTRICITY, *INSTRUCTIONAL MATERIALS, *LABORATORY MANUALS, *PHYSICAL SCIENCES, *SECONDARY SCHOOL SCIENCE, *TECHNICAL EDUCATION, ELECTRIC CIRCUITS

117. SE 500 030
HILL, KATHERINE E.
SCIENCE IN THE ELEMENTARY SCHOOL - A LOOK AHEAD
SCIENCE AND CHILDREN
02 00 69 7
*ELEMENTARY SCHOOL SCIENCE, CURRICULUM DEVELOPMENT, EDUCATIONAL FACILITIES, INSTRUCTIONAL MATERIALS, INSTRUCTION, INDIVIDUALIZED INSTRUCTION, TEACHER EDUCATION, NATIONAL SCIENCE TEACHERS ASSOCIATION

118. SE 006 653
HIMMEL, ALBERT A.
THE pH METER - FACTS AND THEORY
METROPOLITAN DETROIT SCIENCE REVIEW
69 4
*LABORATORY EQUIPMENT, *MEASUREMENT EQUIPMENT, *SCIENCE EQUIPMENT, BIOLOGY, CHEMISTRY, COLLEGE SCIENCE, SECONDARY SCHOOL SCIENCE

119. SE 007 303
HOLAH, D. G.
APPARATUS FOR PREPARATIONS AND FILTRATIONS UNDER INERT, DRY CONDITIONS
JOURNAL OF CHEMICAL EDUCATION
10 00 65 1
*CHEMICAL REACTIONS, *CHEMISTRY, *LABORATORY TECHNIQUES, *SCIENCE EQUIPMENT, COLLEGE SCIENCE, DRYING EQUIPMENT, FILTERING EQUIPMENT, 1965

120. SE 500 502
HOLLAND, M. W.
A METER TO MEASURE SPEEDS OF OBJECTS ON AN AIR TRACK
AMERICAN JOURNAL OF PHYSICS
03 00 69 3
*COLLEGE SCIENCE, *LABORATORY EQUIPMENT, *MOTION, *PHYSICS, *SCIENCE EQUIPMENT, ACCELERATION, ELECTRONICS, SECONDARY SCHOOL SCIENCE, METERS, AIR TRACKS, 1969

121. SE 006 002
HOLMQUIST, JOHN BRUCE
A DETERMINATION OF WHETHER THE DALE-CHALL READABILITY FORMULA MAY BE REVISED TO EVALUATE MORE VALIDLY THE READABILITY OF HIGH SCHOOL SCIENCE MATERIALS
COLORADO STATE UNIVERSITY, FORT COLLINS
UNIVERSITY MICROFILMS, ANN ARBOR, MICHIGAN
ED 028 925 NOT AVAILABLE FROM EDRS
68 142
*INSTRUCTIONAL MATERIALS, *READABILITY, *SCIENCE MATERIALS, DOCTORAL THESES, SECONDARY SCHOOL SCIENCE, DALE-CHALL READABILITY FORMULA, McCALL-CRABBS READING TESTS

122. SE 500 524
HOLTSMARK, TORGER
A DEMONSTRATION OF ADDITIVE COLOR MIXING RULES UNDER THE INFLUENCE OF COLOR CONTRAST
AMERICAN JOURNAL OF PHYSICS
06 00 69 3
*AUDIOVISUAL AIDS, *DEMONSTRATIONS (EDUCATIONAL), *INSTRUCTIONAL MATERIALS, *LIGHT, *PHYSICS, *SCIENCE ACTIVITIES, COLOR, COLLEGE SCIENCE, SECONDARY SCHOOL SCIENCE, WRATTEN FILYERS, 1969

123. SE 500 764
HOOVER, RICHARD B.
DIFFRACTION PLATES FOR CLASSROOM DEMONSTRATIONS
AMERICAN JOURNAL OF PHYSICS
09 00 69 6
*DIFFRACTION, *LIGHT, *PHYSICS, *SCIENCE EQUIPMENT, *SCIENCE ACTIVITIES, COLLEGE SCIENCE, COMPUTERS, DEMONSTRATIONS (EDUCATIONAL), PHOTOGRAPHY, 1969

124. SE 006 486
HOSTE, R.
THE USE OF TRIBOLIUM BEETLES FOR CLASS PRACTICAL WORK IN GENETICS
JOURNAL OF BIOLOGICAL EDUCATION
12 00 68 7
*GENETICS, *SCIENCE ACTIVITIES, *ZOOLOGY, BIOLOGY, INSTRUCTION, LABORATORY EXPERIMENTS, RESOURCE MATERIALS, SECONDARY SCHOOL SCIENCE

125. SE 006 019
HUHEEY, JAMES E.
THE CORRECT SIZES OF THE NOBLE GAS ATOMS
JOURNAL OF CHEMICAL EDUCATION
12 00 68 3
*ATOMIC BONDING, *CHEMISTRY, *TEXTBOOKS, *TEXTBOOK ERRORS, COLLEGE SCIENCE, GASES

126. SE 007 263
HOFF, DARREL B.
OVERHEAD PROJECTION WITH THE pH METER
JOURNAL OF CHEMICAL EDUCATION
12 00 64 2
ACID-BASE THEORY, *CHEMISTRY, *COLLEGE SCIENCE, *LABORATORY EXPERIMENTS, *OVERHEAD PROJECTORS, PROJECTION EQUIPMENT, SECONDARY SCHOOL SCIENCE, *SCIENCE EQUIPMENT, 1964, BESELER VU LYTE II PROJECTOR, COLEMAND METRION II PH METER

127. SE 500 732
HUMPHREYS, D. A.; TOMLINSON, R. H.
CLOSED CIRCUIT TELEVISION IN FRESHMAN CHEMISTRY LABORATORIES
JOURNAL OF CHEMICAL EDUCATION
09 00 69 3
*CHEMISTRY, *CLOSED CIRCUIT TELEVISION, *INSTRUCTIONAL MATERIALS, *SCIENCE LABORATORIES, DEMONSTRATIONS (EDUCATIONAL), UNDERGRADUATE STUDY, McMASTER UNIVERSITY, CANADA, 1969

128. SE 006 568
HURD, PAUL DeHART; GALLAGHER, JAMES JOSEPH
NEW DIRECTIONS IN ELEMENTARY SCIENCE TEACHING
STANDORD UNIVERSITY; EDUCATIONAL RESEARCH COUNCIL OF AMERICA, CLEVELAND, OHIO
WADSWORTH PUBLISHING COMPANY
68 166
*CURRICULUM, EDUCATIONAL OBJECTIVES, *ELEMENTARY SCHOOL SCIENCE, *INSTRUCTIONAL MATERIALS, *INSTRUCTION, LEARNING, *SCIENCE EDUCATION, TEACHING METHODS, TEXTBOOKS, 1968

129. SE 006 295
IRVING, JAMES R.
HOW TO PROVIDE FOR SAFETY IN THE SCIENCE LABORATORY
NATIONAL SCIENCE TEACHERS ASSOCIATION, WASHINGTON, D.C.
EDRS
ED 027 220 MF $0.25 HC NOT AVAILABLE FROM EDRS
68 12
*ELEMENTARY SCHOOL SCIENCE, *LABORATORY SAFETY, *SECONDARY SCHOOL SCIENCE, CHECK LISTS, BIBLIOGRAPHIES, TEACHER RESPONSIBILITY, SAFETY, 1968

130. SE 007 287
JACKSON, A.
A SIMPLE HIGH FREQUENCY TRANSISTOR RECORDER FOR CHROMATOGRAPHY
JOURNAL OF CHEMICAL EDUCATION
08 00 65 3
CHROMATOGRAPHY, EQUIPMENT UTILIZATION, FOREIGN COUNTRIES, *INSTRUMENTATION, LABORATORY EXPERIMENTS, *SCIENCE EQUIPMENT, 1965

131. SE 500 275
JEONG, TUNG H.
A COMPARATIVE EVALUATION OF HE-NE LASERS
THE PHYSICS TEACHER
03 00 69 3
*LASERS, *LABORATORY EQUIPMENT, *PHYSICS, *SCIENCE EQUIPMENT, COLLEGE SCIENCE, PHYSICAL SCIENCES, SECONDARY SCHOOL SCIENCE

132. SE 006 332
JORDAN, WALTER F.
SCIENCE LAB EQUIPMENT IDENTIFICATION UNIT
COMMUNICATIONS ART CENTER, FT. LAUDERDALE, FLORIDA
68 20
*INSTRUCTIONAL MATERIALS, *SCIENCE EQUIPMENT, *SCIENCE UNITS, *SKILL DEVELOPMENT, INDIVIDUALIZED INSTRUCTION, LABORATORY TRAINING, SECONDARY SCHOOL SCIENCE, SCIENCE ACTIVITIES

133. SE 006 100
KELANIC, RICHARD A.
SURVIVAL RESOURCE BOOK, TEACHER GUIDE PACKET AND STUDENT GUIDE CARDS
EDUCATIONAL RESEARCH COUNCIL OF AMERICA, CLEVELAND, OHIO
06 00 68 99
*BIOLOGY, *DISCOVERY LEARNING, *INSTRUCTIONAL MATERIALS, *SECONDARY SCHOOL SCIENCE, *SCIENCE ACTIVITIES, *SCIENCE EXPERIMENTS, INQUIRY TRAINING, SCIENCE UNITS, EDUCATIONAL RESEARCH COUNCIL OF AMERICA

134. SE 500 758
KENDALL, B. R. F.; AND OTHERS
APPARATUS FOR STUDYING THE PRINCIPLES OF ELECTRON PHYSICS
AMERICAN JOURNAL OF PHYSICS
09 00 69 3
*ELECTRONICS, *LABORATORY EQUIPMENT, *OPTICS, *PHYSICS, *SCIENCE EQUIPMENT, COLLEGE SCIENCE, EQUIPMENT UTILIZATION, TEACHING TECHNIQUES, 1969

135. SE 500 711
KENNEDY, M. B.; LACHER, J. R.
A CONSTANT PRESSURE GAS ABSORPTION REACTOR
JOURNAL OF CHEMICAL EDUCATION
08 00 69 2
*CHEMISTRY, *GASES, *LABORATORY TECHNIQUES, *SCIENCE EQUIPMENT, COLLEGE SCIENCE, SCIENTIFIC RESEARCH

136. SE 007 473
KHOURI, JOHN W.
SCIENTIFIC METHOD, K-6, ELEMENTARY SCIENCE UNIT NUMBER THREE
BETHLEHEM AREA SCHOOL DISTRICT, PENNSYLVANIA
EDRS
ED 032 218 MF $1.00 HC $11.75
68 233
CURRICULUM GUIDES, *ELEMENTARY SCHOOL SCIENCE, *INSTRUCTIONAL MATERIALS, LABORATORY PROCEDURES, PHYSICAL SCIENCES, RESOURCE MATERIALS, *SCIENCE ACTIVITIES, SCIENTIFIC ENTERPRISE, TABLES (DATA), *TEACHING GUIDES, 1968, BETHLEHEM AREA SCHOOL DISTRICT

137. SE 500 189
KOCH, DAVID P.
TWO-SOURCE INTERFERENCE TRANSPARENCY
THE PHYSICS TEACHER
02 00 69 2
*AUDIOVISUAL AIDS, *INSTRUCTIONAL MATERIALS, *PHYSICAL SCIENCES, *PHYSICS, INSTRUCTION, OVERHEAD PROJECTORS, PROJECTION EQUIPMENT, TRANSPARENCIES

138. SE 500 123
KRIEGER, ALBERT G.
USE OF THE OSCILLOSCOPE IN STUDYING WAVES AND PULSES
SCHOOL SCIENCE AND MATHEMATICS
02 00 69 3
*ELECTRONICS, *INSTRUCTIONAL MATERIALS, *PHYSICAL SCIENCES, *SCIENCE EQUIPMENT, TEACHING PROCEDURES

139. SE 500 196
KUHN, DAVID J.
THE GAMMARUS
THE AMERICAN BIOLOGY TEACHER
03 00 69 2
*BIOLOGY, *SCIENCE MATERIALS, ELEMENTARY SCHOOL SCIENCE, INSTRUCTION, LABORATORY TECHNIQUES, MICROBIOLOGY, SECONDARY SCHOOL SCIENCE, SCIENCE ACTIVITIES, GAMMARUS

140. SE 500 491
KUKOLICH, STEPHEN G.
SIMPLE ESR APPARATUS FOR LOW FIELDS
AMERICAN JOURNAL OF PHYSICS
02 00 69 2
*COLLEGE SCIENCE, *PHYSICS, *SCIENCE EQUIPMENT, LABORATORY EQUIPMENT, SCIENCE ACTIVITIES, *ELECTRON SPIN RESONANCE

141. SE 006 338
KUSLAN, LOUIS I.; STONE, A. HARRIS
TEACHING CHILDREN SCIENCE: AN INQUIRY APPROACH
WADSWORTH PUBLISHING COMPANY
68 464
*ELEMENTARY SCHOOL SCIENCE, *INSTRUCTIONAL MATERIALS, *TEXTBOOKS, *TEACHER EDUCATION, *TEACHING METHODS, CONCEPT FORMATION, CURRICULUM, EVALUATION, INSTRUCTION, LEARNING THEORIES, SCIENCE EDUCATION HISTORY, SCIENTIFIC ENTERPRISE, 1968

142. SE 007 152
LAINE, D. E.
LABORATORY ASSISTANT STUDY GUIDE
DOW CHEMICAL COMPANY, MIDLAND, MICHIGAN
09 00 63 121
*CHEMISTRY, *COLLEGE SCIENCE, INSTRUCTIONAL MATERIALS, LABORATORY ASSISTANTS, *LABORATORY MANUALS, PHYSICS, UNDERGRADUATE STUDY

143. SE 007 191
LAINE, D. E.
SENIOR LABORATORY TECHNICIAN STUDY GUIDE
DOW CHEMICAL COMPANY, MIDLAND, MICHIGAN
66 116
*CHEMISTRY, EDUCATIONAL PROGRAMS, *INSTRUCTIONAL MATERIALS, *LABORATORY TECHNICIANS, *STUDY GUIDES, TEXTBOOKS, TECHNICIANS

144. SE 007 176
LANSDOWN, BRENDA
NEW WAYS IN ELEMENTARY SCIENCE, PARTICIPATING TEACHER'S GUIDE
EALING CORPORATION, CAMBRIDGE, MASSACHUSETTS
68 58
*CURRICULUM DEVELOPMENT, *DISCOVERY LEARNING, *ELEMENTARY SCHOOL SCIENCE, EDUCATIONAL OBJECTIVES, INSERVICE TEACHER EDUCATION, PHYSICAL SCIENCES, *TEACHER GUIDES, TEACHING TECHNIQUES

145. SE 007 300
LARKINS, J. H.; AND OTHERS
AN AUTOMATIC RECORDING MULTIGRADIENT CAPILLARY VISCOMETER
JOURNAL OF CHEMICAL EDUCATION
10 00 65 2
*CHEMISTRY, *MEASUREMENT INSTRUMENTS, *SCIENCE EQUIPMENT, *VISCOSITY, COLLEGE SCIENCE, LABORATORY TECHNIQUES, 1965

146. SE 006 356
LARSEN, LAWRENCE A.
AN INTRODUCTION TO LOGIC CONTROL SYSTEMS FOR THE BEHAVIORAL SCIENTISTS, PART II, FIGURES
INST. ON MENTAL RETARDATION AND INTELL. DEV., GEORGE PEABODY COLL., NASH.,TENN.
68 50
*BIOLOGY, BIOPHYSICS, ELECTRICAL RESISTANCE, ELECTRICAL CAPACITANCE, ELECTRICAL INDUCTANCE, *INSTRUMENTATION, MEASUREMENT, *SCIENCE EQUIPMENT

147. SE 006 466
LENK, JOHN D.
HANDBOOK OF OSCILLOSCOPES - THEORY AND APPLICATION
PRENTICE-HALL, INC.
68 212
*EQUIPMENT UTILIZATION, *OSCILLOSCOPES, *PHYSICS, *SCIENCE EQUIPMENT, ELECTRONICS, EQUIPMENT GUIDES, PHYSICAL SCIENCES, SCIENCE EXPERIMENTS

148. SE 006 868
LERNER, MORRIS R.
HOW TO USE AN OSCILLOSCOPE
NATIONAL SCIENCE TEACHERS ASSOCIATION, WASHINGTON, D.C.
EDRS
ED 030 561 MF $0.25 HC NOT AVAILABLE FROM EDRS
68 16
*COLLEGE SCIENCE, *INSTRUCTION, INSTRUCTIONAL MATERIALS, *PHYSICAL SCIENCES, PHYSICS, *SECONDARY SCHOOL SCIENCE, *SCIENCE EQUIPMENT, TEACHING METHODS, TEACHING TECHNIQUES, OSCILLOSCOPES

149. SE 006 647
LEVINE, LAURENCE
THE PHASE CONTRAST MICROSCOPE
METROPOLITAN DETROIT SCIENCE REVIEW
69 6
*LABORATORY EQUIPMENT, *MICROSCOPES, *SCIENCE EQUIPMENT, BIOLOGY, COLLEGE SCIENCE, SECONDARY SCHOOL SCIENCE

150. SE 007 289
LEWIN, S. Z.
TOPICS IN CHEMICAL INSTRUMENTATION
JOURNAL OF CHEMICAL EDUCATION
10 00 65 16
*INSTRUMENTATION, *MICROSCOPES, *PHYSICS, *SCIENCE EQUIPMENT, OPTICS, 1965

151. SE 007 332
LEWIN, S. Z.
TOPICS IN CHEMICAL INSTRUMENTATION
JOURNAL OF CHEMICAL EDUCATION
11 00 65 12
*INDUSTRIAL ARTS, *INSTRUMENTATION, MACHINE TOOLS, *MEASUREMENT, *MICROSCOPES, *SCIENCE EQUIPMENT, 1965

152. SE 007 341
LEWIN, S. Z.
TOPICS IN CHEMICAL INSTRUMENTATION
JOURNAL OF CHEMICAL EDUCATION
12 00 65 15
BIBLIOGRAPHIES, EQUIPMENT UTILIZATION, EQUIPMENT EVALUATION, *INSTRUMENTATION, INTERFEROMETERS, *MICROSCOPES, *OPTICS, *SCIENCE EQUIPMENT, 1965

153. SE 500 806
LEWIS, THOMAS R.
QUICK COLOR-LIFT TRANSPARENCIES FOR EARTH SCIENCE TEACHING
SCIENCE EDUCATION
02 00 69 2
*AUDIOVISUAL AIDS, *EARTH SCIENCE, *OVERHEAD PROJECTORS, *SCIENCE MATERIALS, *TRANSPARENCIES, INSTRUCTION, 1969

154. SE 500 019
LILLICH, ROBERT
MULTI-MEDIA AIDS
THE PHYSICS TEACHER
01 00 69 2
*AUDIOVISUAL AIDS, *INSTRUCTIONAL MATERIALS, *PHYSICS, *SCIENCE HISTORY, PHYSICAL SCIENCES

155. SE 006 541
LINSKY, RONALD B.; SCHNITGER, RONALD L.
MARINE SCIENCE STUDENT SYLLABUS, 1968-1969, 2ND EDITION
ORANGE COUNTY SCHOOLS, CALIFORNIA, MARINE SCIENCE FLOATING LABORATORY
EDRS
ED 028 097 MF $0.50 HC $4.60
09 00 68 90
*LABORATORY TECHNIQUES, *MOBILE LABORATORIES, *OCEANOLOGY, *SECONDARY SCHOOL SCIENCE, MANUALS, SCIENCE ACTIVITIES, SCIENCE EQUIPMENT

156. SE 500 071
LISSANT, ELLEN KERN
CONSTRUCTION OF AN ALGAL CULTURE CHAMBER
THE AMERICAN BIOLOGY TEACHER
01 00 69 2
*BOTANY, *MICROBIOLOGY, *SCIENCE EQUIPMENT, BIOLOGY, COLLEGE SCIENCE, RESOURCE MATERIALS, SECONDARY SCHOOL SCIENCE, ALGAE

157. SE 500 375
LOCKARD, J. DAVID
SHEDDING LIGHT ON THE LENS
SCIENCE AND CHILDREN
05 00 69 5
*ELEMENTARY SCHOOL SCIENCE, *INSTRUCTION, *MICROSCOPES, *SCIENCE ACTIVITIES, *SCIENCE EQUIPMENT, BIOLOGY, EARTH SCIENCE, MICROBIOLOGY, RESOURCE MATERIALS

158. SE 007 235
LOESER, GEORGE JACOB
INEXPENSIVE STRUCTURAL SCALE MODELS, THEIR CONSTRUCTION AND USES FOR A BEGINNING COURSE IN CHEMISTRY, M. S. THESIS
UNIVERSITY OF UTAH, SALT LAKE CITY
05 00 58 103
ATOMIC STRUCTURE, *CHEMISTRY, *COLLEGE SCIENCE, *INSTRUCTIONAL MATERIALS, MODELS (DEMONSTRATION), MASTER'S THESES, PHYSICAL CHEMISTRY, RESEARCH REPORTS, *SECONDARY SCHOOL SCIENCE, *SCIENCE EQUIPMENT, 1958

159. SE 007 084
LONGHURST, R. S.
ERRORS AND SWINDLES IN ELEMENTARY OPTICS
PHYSICS EDUCATION
09 00 66 5
*COLLEGE SCIENCE, *OPTICS, *PHYSICS, *SCIENTIFIC PRINCIPLES, INTERNATIONAL EDUCATION, SECONDARY SCHOOL SCIENCE, TEXTBOOK ERRORS, GREAT BRITAIN

160. SE 500 042
LOUDERBACK, H. M.
NONPROFESSIONAL AIDES IN SCIENCE
THE SCIENCE TEACHER
01 00 69 3
*OCCUPATIONAL INFORMATION, *SECONDARY SCHOOL SCIENCE, BIOLOGY, SUBPROFESSIONALS, TEACHER AIDES

161. SE 007 051
MARTIENSSEN, W.; SPILLER, E.
COHERENCE AND FLUCTUATIONS IN LIGHT BEAMS
AMERICAN JOURNAL OF PHYSICS
12 00 64 8
*LIGHT, *OPTICS, *PHYSICS, RADIATION, *SCIENCE EQUIPMENT, 1964, YOUNG'S DOUBLE-SLIT EXPERIMENT, GAUSSIAN DISTRIBUTION

162. SE 500 730
MARTIN, MAURICE L.; DUNLOP, PETER J.
A STUDENT APPARATUS FOR MEASURING THE SECOND VIRIAL COEFFICIENTS OF VAPORS
JOURNAL OF CHEMICAL EDUCATION
09 00 69 3
*CHEMISTRY, *GASES, *LABORATORY EQUIPMENT, *SCIENCE EQUIPMENT, COLLEGE SCIENCE, EQUIPMENT EVALUATION, UNDERGRADUATE STUDY, GAS LAWS, 1969

163. SE 007 050
MEISSNER, HANS
DEMONSTRATION OF DISPLACEMENT CURRENT
AMERICAN JOURNAL OF PHYSICS
12 00 64 3
*ELECTRICITY, *PHYSICS, *SCIENCE EQUIPMENT, CAPACITORS, DEMONSTRATIONS (EDUCATIONAL), DIELECTRICS, TRANSFORMERS, 1964

164. SE 500 256
MICCICHE, FRANK; KEANY, MICHAEL
HYPOTHESIS MACHINE
THE SCIENCE TEACHER
04 00 69 3
*ATOMIC THEORY, *INSTRUCTIONAL MATERIALS, *SKILL DEVELOPMENT, *SECONDARY SCHOOL SCIENCE, ELEMENTARY SCHOOL SCIENCE, INSTRUCTION, PHYSICAL SCIENCES, SCIENCE ACTIVITIES

165. SE 007 338
MILLER, BERNARD
MULTIPLE REMOTE MAGNETIC STIRRING DEVICE
JOURNAL OF CHEMICAL EDUCATION
11 00 65 1
*CHEMISTRY, *COLLEGE SCIENCE, *LABORATORY EQUIPMENT, *STIRRING MECHANISMS, *SCIENCE EQUIPMENT,1965

166. SE 500 522
MINOR, T. C.; AND OTHERS
UNDERGRADUATE EXPERIMENT TO FIND NUCLEAR SIZES BY MEASURING TOTAL CROSS SECTIONS FOR FAST NEUTRONS
AMERICAN JOURNAL OF PHYSICS
06 00 69 6
*COLLEGE SCIENCE, *MEASUREMENT, *NUCLEAR PHYSICS, *PHYSICS, *RADIATION, SCIENCE EQUIPMENT, UNDERGRADUATE STUDY, U.S. ATOMIC ENERGY COMMISSION, PLUTONIUM BERYLLIUM NEUTRON SOURCES, 1969

167. SE 006 650
MIZUKAMI, HIROSHI
SPECTROPHOTOMETRIC DETERMINATION
METROPOLITAN DETROIT SCIENCE REVIEW
69 5
*LABORATORY EQUIPMENT, *SCIENCE EQUIPMENT, BIOLOGY, COLLEGE SCIENCE, LABORATORY TECHNIQUES, RESOURCE MATERIALS, SECONDARY SCHOOL SCIENCE

168. SE 007 305
MOLAU, G. E.; KELLER, R. T.
SAFETY GAS WASHING BOTTLE AND GAS SAFETY VALVE
JOURNAL OF CHEMICAL EDUCATION
10 00 65 1
*CHEMICAL REACTIONS, *CHEMISTRY, *GASES, *LABORATORY SAFETY, *SCIENCE EQUIPMENT, COLLEGE SCIENCE, LABORATORY TECHNIQUES, 1965

169. SE 007 295
MOSS, STEPHEN J.; HILL, DEREK L.
HEAT OF REACTION IN AQUEOUS SOLUTION BY POTENTIOMETRY AND CALORIMETRY
JOURNAL OF CHEMICAL EDUCATION
10 00 65 3
*CHEMISTRY, *COLLEGE SCIENCE, *POTENTIOMETERS, *SCIENCE ACTIVITIES, CALORIMETRY, CHEMICAL REACTIONS, HEAT, LABORATORY TECHNIQUES

170. SE 007 062
MULLIN, W. BRUCE
THE WORKING OF THE HUMAN EYE
PHYSICS EDUCATION
05 00 66 5
*BIOLOGY, DEMONSTRATIONS, *INSTRUCTIONAL MATERIALS, *LABORATORY TECHNIQUES, *LENSES, *PHYSICS, SCIENCE ACTIVITIES, SECONDARY SCHOOL SCIENCE, VISION

171. SE 007 073
MULLIN, W. BRUCE
THE WORKING OF THE HUMAN EYE II
PHYSICS EDUCATION
07 00 66 3
*BIOLOGY, DEMONSTRATIONS, *INSTRUCTIONAL MATERIALS, *LABORATORY TECHNIQUES, *LENSES, *PHYSICS, SCIENCE ACTIVITIES, *SECONDARY SCHOOL SCIENCE, VISION

172. SE 007 093
MULLIN, W. BRUCE
THE WORKING OF THE HUMAN EYE III
PHYSICS EDUCATION
11 00 66 3
*BIOLOGY, DEMONSTRATIONS, *INSTRUCTIONAL MATERIALS, *LABORATORY TECHNIQUES, *LENSES, *PHYSICS, SCIENCE ACTIVITIES, SECONDARY SCHOOL SCIENCE, VISION

173. SE 007 352
MURRAY, JOHN W.
APPARATUS FOR THE STUDY OF DISSOCIATION OF GASES
JOURNAL OF CHEMICAL EDUCATION
12 00 65 1
*CHEMISTRY, *EQUILIBRIUM, *GASES, *SCIENCE ACTIVITIES, *SCIENCE EQUIPMENT, *THERMODYNAMICS, COLLEGE SCIENCE, LABORATORY EQUIPMENT, LABORATORY TECHNIQUES, MANOMETRY, 1965

174. SE 500 345
McCLAREN, MILTON
THE USE OF FUNGI IN THE TEACHING OF ECOLOGICAL SUCCESSION
THE SCIENCE TEACHER
05 00 69 2
*BIOLOGY, *ECOLOGY, *SCIENCE ACTIVITIES, ELEMENTARY SCHOOL SCIENCE, INSTRUCTION, RESOURCE MATERIALS, SECONDARY SCHOOL SCIENCE

175. SE 007 285
McCOY, ROBERT E.
QUALITATIVE TESTS FOR K
JOURNAL OF CHEMICAL EDUCATION
08 00 65 1
*CHEMISTRY, *COLLEGE SCIENCE, *INSTRUCTIONAL MATERIALS, *QUALITATIVE ANALYSIS, *TEXTBOOK ERRORS, ANALYTICAL CHEMISTRY, LABORATORY TECHNIQUES, METALS, SECONDARY SCHOOL SCIENCE, POTASSIUM

176. SE 500 781
McLODA, WILLIAM S.
TRANSFORM FAULT MODEL OF SEA-FLOOR SPREADING
JOURNAL OF GEOLOGICAL EDUCATION
10 00 69 2
*CONSTRUCTION (PROCESS), *GEOLOGY, *MECHANICAL TEACHING AIDS, *OCEANOLOGY, *SCIENCE EQUIPMENT, MODELS, SEA-FLOOR SPREADING THEORY, 1969

177. SE 006 336
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION EDUCATIONAL PUBLICATIONS
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION, WASHINGTON, D.C.
02 00 68 12
*BIBLIOGRAPHIES, *ELEMENTARY SCHOOL SCIENCE, *INSTRUCTIONAL MATERIALS, *SECONDARY SCHOOL SCIENCE, *SPACE SCIENCE, ASTRONAUTS, BIOLOGY, CHEMISTRY, LASERS, OCCUPATIONAL GUIDANCE, PHYSICAL SCIENCES, SPACE RESEARCH, NATIONAL AERONAUTICS AND SPACE ADMINISTRATION

178. SE 006 335
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION FILM LIST
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION, WASHINGTON, D.C.
01 00 68 16
*AEROSPACE TECHNOLOGY, *FILMS, *INSTRUCTIONAL MATERIALS, COLLEGE SCIENCE, ELEMENTARY SCIENCE, FILMLISTS, GOVERNMENT PUBLICATIONS, INSTRUCTIONAL MEDIA, RESOURCE MATERIALS, SECONDARY SCHOOL SCIENCE, NATIONAL AERONAUTICS AND SPACE ADMINISTRATION

179. SE 004 842
NATIONAL CENTER FOR SCHOOL AND COLLEGE TELEVISION
NATIONAL CENTER FOR SCHOOL AND COLLEGE TELEVISION NEWS SUPPLEMENT NUMBER 6, TELEVISION IN SCIENCE EDUCATION
NATIONAL CENTER FOR SCHOOL AND COLLEGE TELEVISION, BLOOMINGTON, INDIANA
EDRS
ED 027 180 MF $0.25 HC $0.60
67 10
*ELEMENTARY SCHOOL SCIENCE, *INSTRUCTIONAL MEDIA, *INSTRUCTIONAL MATERIALS, *INSTRUCTIONAL TELEVISION, *SECONDARY SCHOOL SCIENCE, *SCIENCE EDUCATION, CONFERENCE REPORTS, TELEVISION, NATIONAL CENTER FOR SCHOOL AND COLLEGE TELEVISION

180. SE 007 066
NATIONAL SCIENCE TEACHERS ASSOCIATION
SCIENCE TEACHING ACHIEVEMENT RECOGNITION (STAR) AWARDS
NATIONAL SCIENCE TEACHERS ASSOCIATION, WASHINGTON, D.C.
EDRS
ED 030 566 MF $0.50 HC NOT AVAILABLE FROM EDRS
69 63
BIOLOGY, CHEMISTRY, COURSE DESCRIPTIONS, ELEMENTARY SCHOOL SCIENCE, *EDUCATIONAL INNOVATIONS, *INSTRUCTION, *PROFESSIONAL ASSOCIATIONS, *SCIENCE EDUCATION, SECONDARY SCHOOL SCIENCE, SCIENCE EQUIPMENT, TEACHER AIDS, NATIONAL SCIENCE TEACHERS ASSOCIATION, NATIONAL SCIENCE TEACHERS ASSOCIATION STAR AWARDS

181. SE 006 296
NEW YORK CITY BOARD OF EDUCATION
OPERATION WARD'S ISLAND, A GUIDE TO THE TREES AND OTHER FEATURES OF WARD'S ISLAND
NEW YORK CITY BOARD OF EDUCATION, BROOKLYN, NEW YORK
EDRS
ED 027 221 MF $0.50 HC NOT AVAILABLE FROM EDRS
68 71
*BIOLOGY, *ELEMENTARY SCHOOL SCIENCE, *INSTRUCTIONAL MATERIALS, *OUTDOOR EDUCATION, *TEACHING GUIDES, EARTH SCIENCE, GEOGRAPHY, SECONDARY SCHOOL SCIENCE, MASSIVE ECONOMIC NEIGHBORHOOD DEVELOPMENT INCORPORATED, NEW YORK CITY, NEW YORK

182. SE 005 414
NEW YORK CITY BOARD OF EDUCATION
SCIENCE GRADE 7
NEW YORK CITY BOARD OF EDUCATION, BROOKLYN
EDRS
ED 029 782 MF $1.25 HC NOT AVAILABLE FROM EDRS
03 00 67 302
BIOLOGY, CHEMISTRY, EARTH SCIENCE, GRADE 7, *GENERAL SCIENCE, *INSTRUCTIONAL MATERIALS, PHYSICS, SCIENCE ACTIVITIES, *TEACHING GUIDES, NEW YORK

183. SE 007 061
NOAKES, G. R.
FILMS IN PHYSICS TEACHING
PHYSICS EDUCATION
05 00 66 5
*FILMS, *INTERNATIONAL EDUCATION, *INSTRUCTIONAL MATERIALS, *PHYSICS, *SECONDARY SCHOOL SCIENCE, AUDIOVISUAL AIDS, PHYSICAL SCIENCE STUDY COMMITTEE, UNESCO

184. SE 500 617
NYE, MARTIN J.
WOODEN MODELS OF ASYMMETRIC STRUCTURE
JOURNAL OF CHEMICAL EDUCATION
03 00 69 1
*ATOMIC STRUCTURE, *INSTRUCTIONAL MATERIALS, COLLEGE SCIENCE, ORGANIC CHEMISTRY, TEACHING MODELS, TUTORING

185. SE 500 627
O'HAVER, T. C.; WINEFORDNER, J. D.
A VERSATILE, SOLID STATE, CONSTANT BANDWIDTH RECORDING NANOAMMETER
JOURNAL OF CHEMICAL EDUCATION
04 00 69 5
*ELECTRONICS, *LABORATORY EQUIPMENT, *MEASUREMENT, *SCIENCE EQUIPMENT, COLLEGE SCIENCE, ELECTRICITY, PHYSICAL SCIENCES, SCIENTIFIC RESEARCH, U.S. PUBLIC HEALTH SERVICE, NANOAMMETER, 1969

186. SE 500 440
OHRINER, MARVIN; MACHTINGER, STEVE
TWO ELECTROSCOPES ARE BETTER THAN ONE
THE PHYSICS TEACHER
09 00 69 2
*DEMONSTRATIONS (EDUCATIONAL), *ELECTRICITY, *PHYSICS, *SCIENCE EQUIPMENT, *ELECTROSCOPES, SCIENTIFIC CONCEPTS, 1969

187. SE 500 683
O'KANE, K. C.; JURINSKI, N. B.
AN AUTOMATIC CURVE READING DEVICE
JOURNAL OF CHEMICAL EDUCATION
07 00 69 1
*COMPUTER BASED LABORATORIES, *LABORATORY TECHNIQUES, *MEASUREMENT, *SCIENCE MATERIALS, ANALYTICAL CHEMISTRY, CHEMISTRY, COLLEGE SCIENCE, SCIENTIFIC RESEARCH, DIGITEK OPTICAL SCANNER, 1969

188. SE 007 351
OLDHAM, K. B.; RAND, B.
A STUDENT BUOYANCY - BULB APPARATUS
JOURNAL OF CHEMICAL EDUCATION
12 00 65 3
*BUOYANCY, *GASES, *LABORATORY EQUIPMENT, *PHYSICAL CHEMISTRY, *SCIENCE EQUIPMENT, CHEMISTRY, COLLEGE SCIENCE, LABORATORY TECHNIQUES, PHYSICAL SCIENCES, SCIENCE ACTIVITIES, SECONDARY SCHOOL SCIENCE, 1965, BOYLE'S LAW, DALTON'S LAW, HOOKE'S LAW

189. SE 006 651
O'MALLEY, JOHN A.
pH, pH METERS AND PHYSIOLOGICAL MEASUREMENTS
METROPOLITAN DETROIT SCIENCE REVIEW
69 8
*MEASUREMENT EQUIPMENT, *SCIENTIFIC CONCEPTS, *SCIENCE EQUIPMENT, BIOLOGY, CHEMISTRY, COLLEGE SCIENCE, PHYSIOLOGY, SECONDARY SCHOOL SCIENCE

190. SE 500 742
O'TOOLE, RAYMOND J.; BEDFORD, JOHN P.
SCIENCE VOCABULARY AND READABILITY LEVEL
JOURNAL OF RESEARCH IN SCIENCE TEACHING
69 2
*ELEMENTARY SCHOOL SCIENCE, *INSTRUCTIONAL MATERIALS, *READING LEVEL, *TEXTBOOKS, MEASUREMENT, VOCABULARY, DALE-CHALL READABILITY FORMULA, 1969

191. SE 500 501
OTTO, FRED
SOLID-STATE SPARK TIMER
AMERICAN JOURNAL OF PHYSICS
03 00 69 1
*COLLEGE SCIENCE, *ELECTRONICS, *LABORATORY EQUIPMENT, *MECHANICS (PROCESS), *PHYSICS, *SCIENCE EQUIPMENT, SOLID STATE PHYSICS, TIMERS, SPARK TIMER, 1969

192. SE 500 392
PANUSH, LOUIS
NEW BOOKS FOR THE HIGH SCHOOL SCIENCE SHELF, ELEVENTH SERIES: 1968
SCHOOL SCIENCE AND MATHEMATICS
06 00 69 41
*ANNOTATED BIBLIOGRAPHIES, *BIBLIOGRAPHIES, *SECONDARY SCHOOL SCIENCE, *SCIENCE EDUCATION, BOOKLISTS, BIOLOGICAL SCIENCES, EARTH SCIENCE, MATHEMATICS, PHYSICAL SCIENCES

193. SE 500 794
PARKS, BRAD
BIOLOGICAL MODELS
THE AMERICAN BIOLOGY TEACHER
10 00 69 1
*BIOLOGY, *CONSTRUCTION (PROCESS), *MODELS, *SCIENCE EQUIPMENT, AUDIOVISUAL AIDS, 1969

194. SE 006 079
PARSEGIAN, V. L.; AND OTHERS
INTRODUCTION TO NATURAL SCIENCE, PART ONE, THE PHYSICAL SCIENCES
ACADEMIC PRESS
68 727
*COLLEGE SCIENCE, *INSTRUCTIONAL MATERIALS, *NATURAL SCIENCES, *PHYSICAL SCIENCES, *TEXTBOOKS, 1968

195. SE 004 964
PERKINS, OTHO E.; TILSNER, WILLIAM
SCIENCE SKILLCARDS
CHARLES E. MERRILL PUBLISHING COMPANY
66 9
*INSTRUCTIONAL MATERIALS, *NATURAL SCIENCES, *PHYSICAL SCIENCES, *SECONDARY SCHOOL SCIENCE, *SCIENCE ACTIVITIES, BIOLOGY, CHEMISTRY, EARTH SCIENCE, PHYSICS, SCIENCE EQUIPMENT, 1966

196. SE 006 283
PETERS, HERMAN J.; AND OTHERS
LEARNING ABOUT SPACE CAREERS
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION, WASHINGTON, D.C.
GOVERNMENT PRINTING OFFICE, WASHINGTON, D.C.
EDRS
ED 027 213 MF $0.25 HC NOT AVAILABLE FROM EDRS
66 29
*AEROSPACE TECHNOLOGY, *CAREERS, *ELEMENTARY SCHOOL SCIENCE, *OCCUPATIONAL INFORMATION, BIBLIOGRAPHIES, GRADE 4, GRADE 5, GRADE 6, INSTRUCTIONAL MATERIALS, SCIENCE ACTIVITIES, 1966

197. SE 006 284
PETERS, HERMAN J.; AND OTHERS
SPACE JOBS
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION, WASHINGTON, D.C.
GOVERNMENT PRINTING OFFICE, WASHINGTON, D.C.
EDRS
ED 027 214 MF $0.25 HC NOT AVAILABLE FROM EDRS
66 17
*AEROSPACE TECHNOLOGY, *CAREERS, *ELEMENTARY SCHOOL SCIENCE, *OCCUPATIONAL INFORMATION, BIBLIOGRAPHIES, GRADE 1, GRADE 3, INSTRUCTIONAL MATERIALS, KINDERGARTEN, 1966

198. SE 500 515
PHILLIPS, RICHARD A.
SPATIAL FILTERING EXPERIMENTS FOR UNDERGRADUATE LABORATORIES
AMERICAN JOURNAL OF PHYSICS
05 00 69 5
*COLLEGE SCIENCE, *LIGHT, *OPTICS, *PHYSICS, *SCIENCE ACTIVITIES, INSTRUCTIONAL MATERIALS, LASERS, PHOTOGRAPHY, UNDERGRADUATE STUDY, HOLOGRAPHY, SPATIAL FILTERING, OTT 170 HELIUM-NEON LASER, 1969

199. SE 006 226
PHILMUS, ROBERT MICHAEL
INTO THE UNKNOWN: THE EVOLUTION OF SCIENCE FICTION IN ENGLAND FROM FRANCIS GODWIN TO H. G. WELLS
UNIVERSITY OF CALIFORNIA, SAN DIEGO
UNIVERSITY MICROFILMS, ANN ARBOR, MICHIGAN
68 208
DOCTORAL THESES, *SCIENCE FICTION, HISTORICAL REVIEWS, *LITERATURE, *LITERATURE REVIEWS, READING MATERIALS, RESEARCH REPORTS, ENGLAND

200. SE 006 427
PHIPPS, ALAN M.; HUME, DAVID N.
GENERAL PURPOSE LOW TEMPERATURE DRY-ICE BATHS
JOURNAL OF CHEMICAL EDUCATION
10 00 68 1
*COLLEGE SCIENCE, *CHEMISTRY, *SCIENCE EQUIPMENT, LOW TEMPERATURE BATHS, DRY-ICE BATHS

201. SE 006 531
POUND, A. E.
BIOLOGY REVISION NOTES FOR ORDINARY LEVEL
JOHN MURRAY PUBLISHERS, LONDON
67 119
*BIOLOGY, *CURRICULUM DEVELOPMENT, *INSTRUCTIONAL MATERIALS, *INTERNATIONAL EDUCATION, *SECONDARY SCHOOL SCIENCE, BIOLOGICAL SCIENCES, COURSE DESCRIPTIONS, COURSE ORGANIZATION, GRADE 10, GREAT BRITAIN

202. SE 500 296
PRATER, BAYLISS L.
A HANDBOOK FOR BIOLOGY STUDENTS
THE AMERICAN BIOLOGY TEACHER
04 00 69 2
*BIOLOGY, *INSTRUCTIONAL MATERIALS, *SECONDARY SCHOOL SCIENCE, MANUALS

203. SE 007 169
PURI, O. P.
BIOLOGICAL SCIENCE LABORATORY MANUAL
CLARK COLLEGE, ATLANTA, GEORGIA, COOPERATIVE GENERAL SCIENCE PROJECT
EDRS
ED 030 575 MF $0.50 HC $3.00
07 00 68 58
*BIOLOGICAL SCIENCES, *COLLEGE SCIENCE, GENERAL SCIENCE, *GENERAL EDUCATION, *INSTRUCTIONAL MATERIALS, *LABORATORY MANUALS, LABORATORY EXPERIMENTS, SCIENCE ACTIVITIES, UNDERGRADUATE STUDY, COOPERATIVE GENERAL SCIENCE PROJECT

204. SE 007 170
PURI, O. P.
PHYSICAL SCIENCE LABORATORY MANUAL
CLARK COLLEGE, ATLANTA, GEORGIA, COOPERATIVE GENERAL SCIENCE PROJECT
EDRS
ED 030 576 MF $0.50 HC $5.70
07 00 68 112
*COLLEGE SCIENCE, GENERAL SCIENCE, *GENERAL EDUCATION, *INSTRUCTIONAL MATERIALS, *LABORATORY MANUALS, LABORATORY EXPERIMENTS, *PHYSICAL SCIENCES, SCIENCE ACTIVITIES, UNDERGRADUATE STUDY, COOPERATIVE GENERAL SCIENCE PROJECT

205. SE 500 265
RAMSEY, GREGOR A.; HOWE, ROBERT W.
AN ANALYSIS OF RESEARCH RELATED TO INSTRUCTIONAL PROCEDURES IN ELEMENTARY SCHOOL SCIENCE
SCIENCE AND CHILDREN
EDRS
ED 027 232 MF $0.25 HC $0.70
04 00 69 12
*ELEMENTARY SCHOOL SCIENCE, *INSTRUCTION, *RESEARCH REVIEWS (PUBLICATIONS), CREATIVITY, CONCEPT FORMATION, CRITICAL THINKING, GROUPING (INSTRUCTIONAL PURPOSES), INDIVIDUAL INSTRUCTION, INSTRUCTIONAL MATERIALS, PROGRAMED INSTRUCTION

206. SE 006 435
RICE, LAWRENCE; CHANG, JAMES C.
AN APPARATUS FOR THE INVESTIGATION OF GRAHAM'S LAW OF EFFUSION
JOURNAL OF CHEMICAL EDUCATION
10 00 68 2
*COLLEGE SCIENCE, *CHEMISTRY, *SCIENCE EQUIPMENT, *SECONDARY SCHOOL SCIENCE, *SCIENCE ACTIVITIES, GRAHAM'S LAW

207. SE 500 792
RICHARD, PAUL W.
ENRICHMENT IN BIOLOGY
THE AMERICAN BIOLOGY TEACHER
10 00 69 4
*BIOLOGY, *ENRICHMENT ACTIVITIES, *INSTRUCTIONAL MATERIALS, *SCIENCE ACTIVITIES, *SECONDARY SCHOOL SCIENCE, AUDIOVISUAL AIDS, SUPPLEMENTARY READING MATERIALS, 1969, BIOLOGICAL SCIENCES CURRICULUM STUDY

208. SE 006 443
RICHARDS, P. L.; AND OTHERS
STUDENT LABORATORY DEMONSTRATION OF FLUX QUANTIZATION AND THE JOSEPHSON EFFECT IN SUPERCONDUCTORS
AMERICAN JOURNAL OF PHYSICS
08 00 68 8
*COLLEGE SCIENCE, LABORATORY DEMONSTRATIONS, LABORATORY EXPERIMENTS, *PHYSICS, *SCIENCE EQUIPMENT, *SCIENCE ACTIVITIES

209. SE 006 442
ROBINSON, W. K.; AND OTHERS
SOME EXPERIMENTS WITH A RADIOISOTOPE X-RAY SOURCE FOR THE UNDERGRADUATE LABORATORY
AMERICAN JOURNAL OF PHYSICS
08 00 68 7
*COLLEGE SCIENCE, MODERN PHYSICS, PAPERS, *PHYSICS, *RADIOACTIVITY, *SCIENCE EQUIPMENT, *SCIENCE ACTIVITIES, UNDERGRADUATE STUDY

210. SE 007 055
ROGERS, D. H.
EXPERIMENTS ON FILM IN THE ELEMENTARY PHYSICS LABORATORY
AMERICAN JOURNAL OF PHYSICS
12 00 64 5
*COLLEGE SCIENCE, *LABORATORY TECHNIQUES, *PHOTOGRAPHY, *SECONDARY SCHOOL SCIENCE, *SCIENCE EQUIPMENT, PHYSICS, SCIENCE ACTIVITIES, STROBOSCOPIC PHOTOGRAPHY, TEACHING TECHNIQUES

211. SE 500 539
ROGERS, JOHN; AND OTHERS
A DETERMINATION OF THE SPEED OF LIGHT BY THE PHASE-SHIFT METHOD
AMERICAN JOURNAL OF PHYSICS
08 00 69 7
*LIGHT, *MOTION, *MEASUREMENT TECHNIQUES, *PHYSICS, *SCIENCE ACTIVITIES, COLLEGE SCIENCE, ELECTRONICS, SCIENCE EQUIPMENT, UNDERGRADUATE STUDY, 1969

212. SE 006 654
ROSENBAUM, MANUEL
CENTRIFUGES IN SCIENCE AND INDUSTRY
METROPOLITAN DETROIT SCIENCE REVIEW
69 9
*COLLEGE SCIENCE, *LABORATORY TECHNIQUES, *PHYSICAL SCIENCES, *SCIENCE EQUIPMENT, BIOLOGICAL SCIENCE, CHEMISTRY, PHYSICS, *CENTRIFUGES

213. SE 007 049
SALEM, SEMAAN I.; AULT, EARL R.
MECHANICAL RESONANCE (EXPERIMENT)
AMERICAN JOURNAL OF PHYSICS
12 00 64 2
*COLLEGE SCIENCE, *PHYSICS, *RESONANCE, *SCIENCE EQUIPMENT, *SCIENCE EXPERIMENTS, DEMONSTRATIONS (EDUCATIONAL), MECHANICAL OSCILLATORS, MECHANICS, 1964

214. SE 500 768
SANDERS, STEVEN G.; AND OTHERS
AN INEXPENSIVE FAST-LIGHT DETECTOR FOR STUDENT LABORATORIES
AMERICAN JOURNAL OF PHYSICS
09 00 69 3
*COLLEGE SCIENCE, *ELECTROOPTICS, *LASERS, *PHYSICS, *SCIENCE EQUIPMENT, LABORATORY EQUIPMENT, MEASUREMENT

215. SE 500 528
SCANLON, P. J.; AND OTHERS
APPROACHES TO ELECTROMAGNETIC INDUCTION
AMERICAN JOURNAL OF PHYSICS
07 00 69 11
*COLLEGE SCIENCE, *ELECTRICITY, *INSTRUCTIONAL MATERIALS, *PHYSICS, RELATIVITY, TEXTBOOK EVALUATION, INDUCTION, UNIPOLAR INDUCTOR, FARADAY'S LAWS, 1969

216. SE 500 665
SCHERER, GEORGE A.
INTEGRATED CIRCUITS IN THE INSTRUMENTAL LABORATORY
JOURNAL OF CHEMICAL EDUCATION
06 00 69 3
*ELECTRONICS, *EQUIPMENT MANUFACTURERS, *INSTRUMENTATION, *SCIENCE EQUIPMENT, COLLEGE SCIENCE, LABORATORY EQUIPMENT, PHYSICAL SCIENCES, SEMICONDUCTORS

217. SE 500 513
SCHEY, HARRY M.
EXPANDING WAVEFRONTS IN SPECIAL RELATIVITY: A COMPUTER-GENERATED FILM
AMERICAN JOURNAL OF PHYSICS
05 00 69 6
*AUDIOVISUAL AIDS, *COLLEGE SCIENCE, *FILMS, *INSTRUCTIONAL MATERIALS, *PHYSICS, *RELATIVITY, COMPUTERS, INSTRUCTION, WAVE, 1969

218. SE 006 447
SCHWARZ, GUENTER
LECTURE AND DEMONSTRATION APPARATUS
AMERICAN JOURNAL OF PHYSICS
08 00 68 3
*COLLEGE SCIENCE, *DEMONSTRATIONS (SCIENCE), *LABORATORY EXPERIMENTS, *PHYSICS, *SCIENCE EQUIPMENT, LABORATORY EQUIPMENT, LINEAR AIR TRACK, THERMOCELLS, HOLOGRAPHY

219. SE 006 388
SCHWARZ, GUENTER
SUGGESTIONS FOR THE PASCO MILLIKAN OIL DROP APPARATUS
AMERICAN JOURNAL OF PHYSICS
12 00 63 1
*INSTRUCTION, *LABORATORY EXPERIMENTS, *SCIENCE EQUIPMENT, COLLEGE SCIENCE, INSTRUCTIONAL MATERIALS, LABORATORY EQUIPMENT, PHYSICS, MILLIKAN OIL DROP EXPERIMENT

220. SE 006 458
SCIENCE CURRICULUM IMPROVEMENT STUDY
LIFE CYCLES TEACHER'S GUIDE
SCIENCE CURRICULUM IMPROVEMENT STUDY, BERKELEY, CALIFORNIA
D. C. HEATH AND COMPANY
68 76
*BIOLOGY, *ELEMENTARY SCHOOL SCIENCE, *INSTRUCTIONAL MATERIALS, *LIFE CYCLES, *SCIENCE ACTIVITIES, RESOURCE MATERIALS, TEACHER GUIDES, SCIENCE CURRICULUM IMPROVEMENT STUDY

221. SE 006 845
SCIENCE CURRICULUM IMPROVEMENT STUDY
POSITION AND MOTION
SCIENCE CURRICULUM IMPROVEMENT STUDY, BERKELEY, CALIFORNIA
RAND McNALLY & COMPANY, CHICAGO, ILLINOIS
ED 030 559 NOT AVAILABLE FROM EDRS
69 36
CURRICULUM DEVELOPMENT, ELEMENTARY SCHOOL SCIENCE, *INSTRUCTIONAL MATERIALS, PHYSICAL SCIENCES, SCIENCE UNITS, *SCIENCE ACTIVITIES, SCIENCE COURSE IMPROVEMENT PROJECT, *SCIENTIFIC CONCEPTS, SCIENCE CURRICULUM IMPROVEMENT STUDY

222. SE 500 521
SEARS, FRANCIS W.
A DEMONSTRATION OF THE SPRING-MASS CORRECTION
AMERICAN JOURNAL OF PHYSICS
06 00 69 4
*COLLEGE SCIENCE, *DEMONSTRATIONS (EDUCATIONAL), *INSTRUCTIONAL MATERIALS, *MOTION, *PHYSICS, *WEIGHT, UNDERGRADUATE STUDY, WAVES, HARMONIC OSCILLATOR, 1969

223. SE 007 092
SHARMAN, R. V.
VIBRATION, WAVE MOTION AND SOUND
PHYSICS EDUCATION
11 00 66 5
*PHYSICS, *SOUND, *SCIENTIFIC PRINCIPLES, COLLEGE SCIENCE, INTERNATIONAL EDUCATION, TEXTBOOK EVALUATION, VIBRATIONS, WAVE PHENOMENA, 1965, KATER'S PENDULUM, FOURIER SERIES, YOUNG'S DIFFRACTION, DOPPLER EFFECT, GREAT BRITAIN

224. SE 500 579
SHARPE, THOMAS F.; MEIBUHR, STUART G.
A SIMPLE METHOD FOR PREPARING SPHERICAL METAL ELECTRODES
JOURNAL OF CHEMICAL EDUCATION
02 00 69 1
*LABORATORY EQUIPMENT, *SCIENCE EQUIPMENT, ELECTRICITY, PHYSICAL SCIENCES, 1969

225. SE 006 233
SHAW, ROBERT ARLEY
CRITERION AND INDEPENDENT VARIABLES AND THE PRECISION INDEXES OF THESE VARIABLES AS USED IN ESTABLISHING A FORMULA FOR PREDICTING READING DIFFICULTY OF PROGRAMMED MATERIALS IN FOURTH GRADE SCIENCE
UNIVERSITY OF VIRGINIA, CHARLOTTESVILLE
UNIVERSITY MICROFILMS, ANN ARBOR, MICHIGAN
ED 028 082 NOT AVAILABLE FROM EDRS
67 127
*ELEMENTARY SCHOOL SCIENCE, *INSTRUCTIONAL MATERIALS, *PROGRAMED MATERIALS, *READABILITY, DOCTORAL THESES, GRADE 4, RESEARCH REPORTS

226. SE 006 071
SHORESMAN, PETER B.; AND OTHERS
ELEMENTARY SCIENCE MATERIALS: AN ANALYSIS
EDUCATIONAL PRODUCTS INFORMATION EXCHANGE (EPIE) FORUM
05 00 68 11
*ELEMENTARY SCHOOL SCIENCE, *EQUIPMENT EVALUATION, *INSTRUCTIONAL MATERIALS, *SCIENCE KITS, BIOLOGY, PHYSICAL SCIENCES, RESOURCE MATERIALS, SCIENCE EQUIPMENT, SCIENCE MATERIALS, EDUCATIONAL PRODUCTS INFORMATION EXCHANGE

227. SE 007 493
SHOWALTER, VICTOR; SLESNICK, IRWIN
IDEAS FOR SCIENCE PROJECTS
NATIONAL SCIENCE TEACHERS ASSOCIATION, WASHINGTON, D.C.
EDRS
ED 032 228 MF $0.25 HC NOT AVAILABLE FROM EDRS
62 54
BIBLIOGRAPHY, BIOLOGY, CHEMISTRY, GENERAL SCIENCE, *INSTRUCTIONAL MATERIALS, PHYSICS, *SECONDARY SCHOOL SCIENCE, SCIENCE EXPERIMENTS, *STUDENT RESEARCH, NATIONAL SCIENCE TEACHERS ASSOCIATION, 1962

228. SE 500 509
SILBERNAGEL, B.G.; WORSTER, BRUCE W.
A MICROWAVE "OPTICAL BENCH"
AMERICAN JOURNAL OF PHYSICS
04 00 69 1
*COLLEGE SCIENCE, *LABORATORY EQUIPMENT, *MICROWAVES, *PHYSICS, *SCIENCE EQUIPMENT, UNDERGRADUATE STUDY, POLARIZATION, 1969

229. SE 500 534
SIMPSON, R. E.
SINGLE ANTENNA X-BAND DOPPLER SHIFT APPARATUS
AMERICAN JOURNAL OF PHYSICS
07 00 69 4
*COLLEGE SCIENCE, *PHYSICS, *RADAR, *SCIENCE EQUIPMENT, LABORATORY EQUIPMENT, SCIENCE ACTIVITIES, UNDERGRADUATE STUDY, MICROWAVES, DOPPLER SHIFT, 1969

230. SE 007 315
SLABAUGH, W. H.
DETERMINATION OF AVOGARDO'S NUMBER BY PERRIN'S LAW
JOURNAL OF CHEMICAL EDUCATION
09 00 65 2
*AVAGARDO'S NUMBER, *CHEMISTRY, *COLLEGE SCIENCE, *COLLOIDAL CHEMISTRY, *SCIENCE EXPERIMENTS, *PERRIN'S LAW, GAS LAWS, KINETIC MOLECULAR THEORY, LABORATORY TECHNIQUES, 1965

231. SE 007 312
SLABAUGH, W. H.
A SENSITIVE INEXPENSIVE THERMOMETER
JOURNAL OF CHEMICAL EDUCATION
09 00 65 1
*CHEMISTRY, *COLLEGE SCIENCE, ELECTRIC CIRCUITS, ELECTRONIC EQUIPMENT, *MEASUREMENT INSTRUMENTS, *SCIENCE EQUIPMENT, *TEMPERATURE, 1965

232. SE 007 345
SMITH, NORMAN O.
THE DIFFERENCE BETWEEN C_p AND C_v FOR LIQUIDS AND SOLIDS
JOURNAL OF CHEMICAL EDUCATION
12 00 65 2
*CHEMISTRY, *COLLEGE SCIENCE, *CHEMICAL CALCULATIONS, HEAT, *INSTRUCTIONAL MATERIALS, LIQUIDS, *PHYSICAL PROPERTIES, THERMODYNAMICS, TEXTBOOK ERRORS, 1965

233. SE 006 363
SOUTHEASTERN PENNSYLVANIA OUTDOOR EDUCATION CENTER
MICROSCOPIC POND ANIMALS, ACTIVITY NUMBER 1
SOUTHEASTERN PENNSYLVANIA OUTDOOR EDUCATION CENTER, MEDIA
68 8
*BIOLOGY, *ELEMENTARY SCHOOL SCIENCE, *INSTRUCTIONAL MATERIALS, *SCIENCE ACTIVITIES, SCIENCE UNITS, SECONDARY SCHOOL SCIENCE

234. SE 007 342
STEERE, NORMAN V.
SAFETY IN THE CHEMICAL LABORATORY
JOURNAL OF CHEMICAL EDUCATION
12 00 65 5
*CHEMISTRY, *EQUIPMENT STORAGE, FIRE HAZARDS, *GASES, LABORATORY SAFETY, LABORATORY PROCEDURES, *SCIENCE EQUIPMENT, SAFETY EDUCATION, *SAFETY, 1965

235. SE 007 302
STEINER, EDWIN C.; HARTZELL, GORDON E.
DEVICE FOR MEASURING INSTANTANEOUS RATES OF GAS-EVOLVING REACTIONS
JOURNAL OF CHEMICAL EDUCATION
10 00 65 2
*CHEMISTRY, *MEASUREMENT INSTRUMENTS, *SCIENCE EQUIPMENT, CHEMICAL REACTIONS, COLLEGE SCIENCE, GASES, LABORATORY TECHNIQUES, 1965

236. SE 007 304
STEPHENS, J. F.; CHAKRABARTY, M. R.
ELECTRONIC TIMER FOR THE STUDY OF ELECTRON TRANSFER REACTIONS
JOURNAL OF CHEMICAL EDUCATION
10 00 65 1
*CHEMICAL REACTIONS, *CHEMISTRY, *ELECTRONIC EQUIPMENT, *ELECTRON TRANSFER, *SCIENCE EQUIPMENT, COLLEGE SCIENCE, LABORATORY TECHNIQUES, 1965

237. SE 500 662
STOCKEL, RICHARD F.
DICYANDIAMIDE (CYANOGUANIDINE)
JOURNAL OF CHEMICAL EDUCATION
06 00 69 2
*CHEMICAL BONDING, *INSTRUCTIONAL MATERIALS, *ORGANIC CHEMISTRY, *STRUCTURAL ANALYSIS, COLLEGE SCIENCE, TEXTBOOK EVALUATION, DICYANDIAMIDE, 1969

238. SE 007 373
STRADER, NORMAN
SOUND ON A LIGHT BEAM
SCHOOL SCIENCE AND MATHEMATICS
01 00 62 2
*ELECTRONIC EQUIPMENT, *LIGHT, *PHYSICS, *SCIENCE EQUIPMENT, COLLEGE SCIENCE, DEMONSTRATIONS (EDUCATIONAL), LIGHT MODULATION, SECONDARY SCHOOL SCIENCE, SOUND

239. SE 006 431
STREATOR, JAMES T.
CHAMBERS FOR THIN-LAYER CHROMATOGRAPHY USING GLASS RODS
JOURNAL OF CHEMICAL EDUCATION
10 00 68 1
*CHEMISTRY, *COLLEGE SCIENCE, *SCIENCE ACTIVITIES, *SCIENCE EQUIPMENT, CHROMATOGRAPHY, LABORATORY EXPERIMENTS

240. SE 007 387
SUTTON, INEZ P.; AND OTHERS
AN AQUATIC ECOLOGY UNIT FOR NINTH GRADE BIOLOGY
SCHOOL SCIENCE AND MATHEMATICS
05 00 62 15
*AQUATIC BIOLOGY, *ECOLOGY, *INSTRUCTIONAL MATERIALS, *SCIENCE UNITS, *SECONDARY SCHOOL SCIENCE, BIOLOGY, GRADE 9, LABORATORY TECHNIQUES, STUDENT INVESTIGATIONS

241. SE 006 652
TAYLOR, A. R.
ELECTRON MICROSCOPES - DEVELOPMENT, REFINEMENT AND POTENTIAL
METROPOLITAN DETROIT SCIENCE REVIEW
69 12
*BIOLOGY, *LABORATORY EQUIPMENT, *SCIENCE EQUIPMENT, COLLEGE SCIENCE, *MICROSCOPES, MICROBIOLOGY, SECONDARY SCHOOL SCIENCE

242. SE 007 339
TAYLOR, JAY E.
A CONSTANT PRESSURE GAS BURET FOR DETERMINATION OF GAS ABSORPTION RATES
JOURNAL OF CHEMICAL EDUCATION
11 00 65 2
*CHEMISTRY, *COLLEGE SCIENCE, *CHEMICAL KINETICS, GASES, *LABORATORY EQUIPMENT, LABORATORY TECHNIQUES, OXIDATION, *SCIENCE EQUIPMENT, 1965

243. SE 006 397
TEXAS EDUCATION AGENCY
TEXAS TRANSPARENCY DEVELOPMENT PROJECT MASTER BOOK FOR EARTH SCIENCE
TEXAS EDUCATION AGENCY, AUSTIN
ON LOAN FROM ERIC, 1460 WEST LANE AVENUE, COLUMBUS, OHIO
ED 029 786 NOT AVAILABLE FROM EDRS
65 115
*AUDIOVISUAL AIDS, CATALOGS, *EARTH SCIENCE, *INSTRUCTIONAL MATERIALS, OVERHEAD PROJECTORS, *SECONDARY SCHOOL SCIENCE, *TRANSPARENCIES

244. SE 500 295
THOMPSON, PETER
THE ORDER/INVENTORY SLIP
THE AMERICAN BIOLOGY TEACHER
04 00 69 2
*BOOKKEEPING, *SCIENCE EQUIPMENT, *SCIENCE MATERIALS, *TECHNIQUES, FACILITY INVENTORY, SCIENCE LABORATORIES

245. SE 007 100
THORPE, C. W.
USES OF CATHODE-RAY OSCILLOSCOPE IN SCHOOLS
PHYSICS EDUCATION
03 00 67 6
*ELECTRONICS, *INSTRUMENTATION, *OSCILLOSCOPES, *SCIENCE EQUIPMENT, *SECONDARY SCHOOL SCIENCE, PHYSICS, ENGLAND

246. SE 007 140
TRINKLEIN, LLOYD ARTHUR
A COMPARATIVE STUDY OF THE EFFECTIVENESS OF USING A FULL FILM AND SHORT FORMAT FILMS TO TEACH CHEMISTRY
MICHIGAN STATE UNIVERSITY, EAST LANSING
UNIVERSITY MICROFILMS, ANN ARBOR, MICHIGAN
66 140
*CHEMISTRY, *FILMS, *INSTRUCTIONAL MATERIALS, *INSTRUCTION, *SECONDARY SCHOOL SCIENCE, COMPARATIVE ANALYSIS, DOCTORAL THESES, RESEARCH REPORTS, CHEMICAL EDUCATION MATERIALS STUDY

247. SE 500 859
TROWER, W. PETER
THE ACCELERATOR IN PARTICLE PHYSICS
THE SCIENCE TEACHER
11 00 69 6
*ATOMIC STRUCTURE, *NUCLEAR PHYSICS, *SCIENCE EQUIPMENT, ACCELERATION, ENERGY, RADIATION, SCIENTIFIC RESEARCH, 1969

248. SE 007 167
UNITED NATIONS EDUCATIONAL SCIENTIFIC AND CULTURAL ORGANIZATION
PILOT PROJECT FOR CHEMISTRY TEACHING IN ASIA, NEWSLETTER, VOLUME 2 NUMBER 6
UNESCO, BANGKOK, THAILAND
EDRS
ED 031 409 MF $0.25 HC $1.60
06 00 69 28
*CHEMISTRY, *INSTRUCTIONAL MATERIALS, PROJECT REPORTS, *SECONDARY SCHOOL SCIENCE, *SCIENCE ACTIVITIES, BANGKOK, THAILAND, UNITED NATIONS EDUCATIONAL SCIENTIFIC AND CULTURAL ORGANIZATION, ISRAEL, INDONESIA, 1969

249. SE 006 045
VANDEVENTER, W. C.
AN INQUIRY APPROACH TO INTERDISCIPLINARY SEVENTH GRADE SCIENCE
JOURNAL OF RESEARCH IN SCIENCE TEACHING
12 00 68 12
*EDUCATIONAL PROGRAMS, *GRADE 7, *INSTRUCTION, *INSTRUCTIONAL MATERIALS, *SECONDARY SCHOOL SCIENCE, GENERAL SCIENCE, INQUIRY TRAINING, INTERDISCIPLINARY APPROACH, PROGRAM DESCRIPTIONS, SCIENCE LABORATORIES, MICHIGAN SCIENCE CURRICULUM COMMITTEE JUNIOR HIGH SCHOOL PROJECT

250. SE 500 493
VAN DOORN, C. Z.
DEMONSTRATION OF ELECTROSTATIC GENERATOR PRINCIPLES
AMERICAN JOURNAL OF PHYSICS
02 00 69 1
*ELECTRICITY, *GENERATORS, *PHYSICS, *SCIENCE ACTIVITIES, *SCIENCE EQUIPMENT, COLLEGE SCIENCE, SECONDARY SCHOOL SCIENCE

251. SE 500 682
VENNOS, MARY S.
CONSTRUCTION AND USES OF AN INEXPENSIVE POLARIMETER
JOURNAL OF CHEMICAL EDUCATION
07 00 69 1
*CHEMISTRY, *LABORATORY EQUIPMENT, *SCIENCE EQUIPMENT, ANALYTICAL CHEMISTRY, COLLEGE SCIENCE, POLARIMETERS, UNDERGRADUATE STUDY

252. SE 500 586
VIJH, A. K.; ALWITT, R. S.
A CONVENIENT METHOD FOR SEALING METALLIC WIRES INTO GLASS TUBING
JOURNAL OF CHEMICAL EDUCATION
02 00 69 1
*CONSTRUCTION (PROCESS), *LABORATORY EQUIPMENT, *SCIENCE EQUIPMENT, ELECTRICITY, PHYSICAL SCIENCES, 1969

253. SE 500 729
VINCENT, COLIN A.; WARD, J. G.
A SIMPLE AMPEROSTAT FOR COULOMETRIC TITRATION
JOURNAL OF CHEMICAL EDUCATION
09 00 69 2
*CHEMISTRY, *INSTRUMENTATION, *LABORATORY EQUIPMENT, *SCIENCE EQUIPMENT, *AMPEROSTAT, ELECTRONICS, ELECTRICITY

254. SE 500 763
WAAGE, HAROLD M.
OVERHEAD PROJECTION CELL FOR STREAMLINE FLOW
AMERICAN JOURNAL OF PHYSICS
09 00 69 4
*COLLEGE SCIENCE, *HYDRODYNAMICS, *PHYSICS, *SCIENCE EQUIPMENT, EQUIPMENT UTILIZATION, LABORATORY EQUIPMENT, OVERHEAD PROJECTORS, 1969

255. SE 006 018
WAHL, ARNOLD C.; BLUKIS, ULDIS
EDUCATIONAL FILM LOOPS ON ATOMIC AND MOLECULAR STRUCTURE
JOURNAL OF CHEMICAL EDUCATION
12 00 68 4
*CHEMISTRY, *COLLEGE SCIENCE, *FILMS, *INSTRUCTIONAL MATERIALS, *SECONDARY SCHOOL SCIENCE, ATOMIC STRUCTURE

256. SE 007 353
WALKER, RUTH A.
GENERAL CHEMISTRY EXERCISE USING ATOMIC AND MOLECULAR ORBITAL MODELS
JOURNAL OF CHEMICAL EDUCATION
12 00 65 3
*ATOMIC MODELS, *ATOMIC STRUCTURE, *CHEMICAL BONDING, *COLLEGE SCIENCE, AUDIOVISUAL AIDS, CHEMISTRY, INSTRUCTIONAL AIDS, SECONDARY SCHOOL SCIENCE, SCIENCE MATERIALS

257. SE 006 387
WALL, C. N.
APPARATUS REVIEW: THE BECK BALL PENDULUM
AMERICAN JOURNAL OF PHYSICS
12 00 68 3
*COLLEGE SCIENCE, *EQUIPMENT EVALUATION, *PHYSICS, *SCIENCE EQUIPMENT, MECHANICS (PROCESS), MOTION, PENDULUMS

258. SE 006 643
WEIR, JOHN J.
THE CARE AND USE OF THE LABORATORY BALANCE
METROPOLITAN DETROIT SCIENCE REVIEW
69 3
*EQUIPMENT MAINTENANCE, *SCIENCE EQUIPMENT, LABORATORY EQUIPMENT, MEASUREMENT EQUIPMENT

259. SE 500 517
WEISS, RAINER
LECTURE AND DEMONSTRATION APPARATUS
AMERICAN JOURNAL OF PHYSICS
05 00 69 2
*LABORATORY EQUIPMENT, *PHYSICS, *SCIENCE EQUIPMENT, COLLEGE SCIENCE, ENERGY, ELECTRONICS, LIGHT, FRAUNHOFER DIFFRACTION, CALORIMETER, 1969

260. SE 500 444
WERT, WILLIAM G.
SIMULATED MOVEMENTS IN CELLS
THE AMERICAN BIOLOGY TEACHER
09 00 69 7
*BIOLOGY, *CYTOLOGY, *LABORATORY TECHNIQUES, BIOPHYSICS, DEMONSTRATIONS (EDUCATIONAL), INSTRUCTIONAL MATERIALS, LABORATORY EQUIPMENT, SCIENCE EXPERIMENTS, SCIENCE ACTIVITIES, 1969

261. SE 500 578
WEST, PHILIP W.; SACHDEV, SHAM L.
AIR POLLUTION STUDIES-THE RING OVEN TECHNIQUE
JOURNAL OF CHEMICAL EDUCATION
02 00 69 3
*AIR POLLUTION CONTROL, *CHEMISTRY, *LABORATORY PROCEDURES, SAMPLING, SCIENCE EQUIPMENT, U.S. PUBLIC HEALTH SERVICE, RING OVEN, 1969

262. SE 500 113
WINCHESTER, A. M.
VARIABLE IMAGES FROM A SINGLE MICROSCOPE
THE AMERICAN BIOLOGY TEACHER
02 00 69 4
*LABORATORY TECHNIQUES, *MICROBIOLOGY, *MICROSCOPES, BIOLOGY, COLLEGE SCIENCE, RESOURCE MATERIALS, SECONDARY SCHOOL SCIENCE

263. SE 007 349
WOOD, STANLEY E.; ANDERSON, C. B.
POTENTIOMETER FOR THE GENERAL CHEMISTRY LABORATORY
JOURNAL OF CHEMICAL EDUCATION
12 00 65 1
*CHEMISTRY, *COLLEGE SCIENCE, *LABORATORY EQUIPMENT, *POTENTIOMETER, *SCIENCE EQUIPMENT, ELECTROCHEMISTRY, SECONDARY SCHOOL SCIENCE

264. SE 500 499
YOUNG, M.
HOLOGRAPHY AND COHERENT IMAGING
AMERICAN JOURNAL OF PHYSICS
03 00 69 5
*COLLEGE SCIENCE, *HOLOGRAPHY, *OPTICS, *PHYSICS, *SCIENCE EQUIPMENT, LIGHT, LASERS, PHOTOGRAPHY, COHERENT IMAGING, 1969

265. SE 004 537
ZIMMERMAN, FRANK
GUIDE TO SELECTING A QUALITY POWER SOURCE
THE PHYSICS TEACHER
04 00 68 3
*COLLEGE SCIENCE, *PHYSICS, *POWER SOURCES, *SCIENCE EQUIPMENT, ELECTRICITY, ELECTRONICS

266. SE 006 467
APPRAISAL--CHILDREN'S SCIENCE BOOKS
HARVARD UNIVERSITY, CAMBRIDGE, MASSACHUSETTS
HARVARD GRADUATE SCHOOL OF EDUCATION, CAMBRIDGE, MASSACHUSETTS
69 25
*BIBLIOGRAPHIES, *ELEMENTARY SCHOOL SCIENCE, *INSTRUCTIONAL MATERIALS, ANNOTATED BIBLIOGRAPHIES, RECREATIONAL READING, SUPPLEMENTARY READING MATERIALS

267. SE 006 330
BASIC ELECTRICITY, INSTRUCTOR'S GUIDE
WASHINGTON STATE UNIVERSITY, PULLMAN, DEPARTMENT OF EDUCATION
9
*ELECTRICITY, *SECONDARY SCHOOL SCIENCE, *TEACHING GUIDES, BEHAVIORAL OBJECTIVES, EVALUATION, SAFETY

268. SE 007 220
EDUCATION AGE SUPPLEMENT
MINNESOTA MINING AND MANUFACTURING COMPANY, ST. PAUL
12 00 68 15
AUDIOVISUAL AIDS, INSTRUCTIONAL MATERIALS, *TRANSPARENCIES, 1968, EDUCATION AGE SUPPLEMENT, MINNESOTA MINING AND MANUFACTURING COMPANY

269. SE 006 074
THE EDUCATIONAL PRODUCTS INFORMATION EXCHANGE FORUM, VOLUME 1 NUMBER 2
EDUCATIONAL PRODUCTS INFORMATION EXCHANGE (EPIE) FORUM
10 00 67 24
*ELEMENTARY SCHOOL SCIENCE, *EVALUATION, *INSTRUCTIONAL MATERIALS, *SCIENCE EQUIPMENT, *SECONDARY SCHOOL SCIENCE, SCIENCE MATERIALS, 1967

270. SE 007 181
EXPERIMENTS IN MICROBIOLOGY
MILLIPORE CORPORATION, BEDFORD, MASSACHUSETTS
69 45
BIOLOGY, COLLEGE SCIENCE, *INSTRUCTIONAL MATERIALS, *LABORATORY MANUALS, *MICROBIOLOGY, *SCIENCE EXPERIMENTS, SECONDARY SCHOOL SCIENCE, 1969

271. SE 007 429
FRACTIONAL CRYSTALIZATION AND IGNEOUS DIFFERENTIATION
JOURNAL OF GEOLOGICAL EDUCATION
12 00 67 6
*COLLEGE SCIENCE, CRYSTALLIZATION, *GEOLOGY, *INSTRUCTIONAL MATERIALS, *ROCKS, *SCIENCE ACTIVITIES

272. SE 007 237
FROM RESEARCH TO CLASSROOM LABORATORY
U.S. DEPARTMENT OF HEALTH, EDUCATION AND WELFARE, WASHINGTON, D.C.
58 31
*BIOLOGY, *GENERAL SCIENCE, *MICROBIOLOGY, *PHYSICAL ENVIRONMENT, *SCIENCE EXPERIMENTS, *SECONDARY SCHOOL SCIENCE, HUMAN ENGINEERING, LABORATORY TECHNIQUES, POLLUTION, RADIOISOTOPES, 1958, ROBERT A. TAFT SANITARY ENGINEERING CENTER

273. SE 007 427
INTRODUCTION TO CRYSTAL CHEMISTRY
JOURNAL OF GEOLOGICAL EDUCATION
12 00 67 6
*COLLEGE SCIENCE, CRYSTAL STRUCTURE, CHEMISTRY, *GEOLOGY, *INSTRUCTIONAL MATERIALS, *SCIENCE ACTIVITIES

274. SE 007 432
ISOTOPIC GEOCHEMISTRY OF WATER
JOURNAL OF GEOLOGICAL EDUCATION
12 00 67 5
*COLLEGE SCIENCE, CHEMISTRY, *GEOLOGY, *INSTRUCTIONAL MATERIALS, *ISOTOPES, *SCIENCE ACTIVITIES, WATER

275. SE 007 426
LAKE STORAGE OF SOLAR ENERGY
JOURNAL OF GEOLOGICAL EDUCATION
12 00 67 4
*COLLEGE SCIENCE, *GEOLOGY, *INSTRUCTIONAL MATERIALS, *SCIENCE ACTIVITIES, SOLAR RADIATION

276. SE 007 434
MEASUREMENT OF GEOLOGIC AGE OF ROCKS
JOURNAL OF GEOLOGICAL EDUCATION
12 00 67 4
*COLLEGE SCIENCE, *GEOLOGY, *INSTRUCTIONAL MATERIALS, *RADIOACTIVITY, *SCIENCE ACTIVITIES

277. SE 007 182
MICROBIOLOGY FOR THE BEGINNING STUDENT
MILLIPORE CORPORATION, BEDFORD, MASSACHUSETTS
69 12
BIOLOGY, COLLEGE SCIENCE, *MICROBIOLOGY, *SCIENCE MATERIALS, *SCIENCE EQUIPMENT, SCIENCE EXPERIMENTS, SECONDARY SCHOOL SCIENCE, 1969

278. SE 007 430
MINERAL ASSEMBLAGES AS EVIDENCE FOR CONDITIONS OF METAMORPHISM
JOURNAL OF GEOLOGICAL EDUCATION
12 00 67 6
*COLLEGE SCIENCE, *GEOLOGY, *INSTRUCTIONAL MATERIALS, *METAMORPHISM, MINERALS, *SCIENCE ACTIVITIES, AVOGADRO'S CONSTANT

279. SE 007 428
THE ORIGIN OF MAGMA
JOURNAL OF GEOLOGICAL EDUCATION
12 00 67 4
*COLLEGE SCIENCE, *GEOLOGY, *INSTRUCTIONAL MATERIALS, MAGMA, *ROCKS, *SCIENCE ACTIVITIES

280. SE 007 438
OXIDATION AND SUPERGENE ENRICHMENT DEPOSITS
JOURNAL OF GEOLOGICAL EDUCATION
12 00 67 5
*COLLEGE SCIENCE, *GEOLOGY, *INSTRUCTIONAL MATERIALS, *ORE DEPOSITS, *SCIENCE ACTIVITIES

281. SE 006 009
PRODUCT INFORMATION SUPPLEMENT NUMBER 2 - ELEMENTARY SCIENCE SERIES
EDUCATIONAL PRODUCTS INFORMATION EXCHANGE (EPIE) FORUM
10 00 67 11
*BIBLIOGRAPHIES, *ELEMENTARY SCHOOL SCIENCE, *INSTRUCTIONAL MATERIALS, *TEXTBOOKS, EDUCATIONAL PROGRAMS, SCIENCE UNITS, TEACHING GUIDES, WORKBOOKS, 1967

282. SE 006 073
PRODUCT INFORMATION SUPPLEMENT NUMBER 8 - ELEMENTARY SCIENCE KITS FOR THE PHYSICAL SCIENCES
EDUCATIONAL PRODUCTS INFORMATION EXCHANGE (EPIE) FORUM
04 00 68 21
*ELEMENTARY SCHOOL SCIENCE, *INSTRUCTIONAL MATERIALS, *SCIENCE EQUIPMENT, *SCIENCE MATERIALS, PHYSICAL SCIENCES, RESOURCE MATERIALS, EDUCATIONAL PRODUCTS INFORMATION EXCHANGE

283. SE 006 072
PRODUCT INFORMATION SUPPLEMENT NUMBER 9 - ELEMENTARY SCHOOL SCIENCE KITS FOR THE BIOLOGICAL SCIENCES
EDUCATIONAL PRODUCTS INFORMATION EXCHANGE (EPIE) FORUM
05 00 68 16
*ELEMENTARY SCHOOL SCIENCE, *INSTRUCTIONAL MATERIALS, *SCIENCE EQUIPMENT, *SCIENCE MATERIALS, BIOLOGY, RESOURCE MATERIALS, SCIENCE KITS, EDUCATIONAL PRODUCTS INFORMATION EXCHANGE

284. SE 007 034
PROGRAMED MATERIALS FOR COLLEGE PHYSICS TEACHING
AMERICAN JOURNAL OF PHYSICS
11 00 63 2
*BIBLIOGRAPHIES, *COLLEGE SCIENCE, *INSTRUCTIONAL MATERIALS, *PHYSICS, *PROGRAMED INSTRUCTION, PROGRAMED MATERIALS

285. SE 007 433
RELATIVE AGES OF ROCKS
JOURNAL OF GEOLOGICAL EDUCATION
12 00 67 7
*COLLEGE SCIENCE, *GEOLOGY, *HISTORICAL GEOLOGY, *INSTRUCTIONAL MATERIALS, ROCKS, *SCIENCE ACTIVITIES, LAW OF SUPERPOSITION, LAW OF FAUNAL ASSEMBLAGES

286. SE 007 435
SALT AND THINGS
JOURNAL OF GEOLOGICAL EDUCATION
12 00 67 5
*COLLEGE SCIENCE, *GEOLOGY, *INSTRUCTIONAL MATERIALS, OCEANOLOGY, *SCIENCE ACTIVITIES, SALTS

287. SE 007 431
STREAM GRADE
JOURNAL OF GEOLOGICAL EDUCATION
12 00 67 4
*COLLEGE SCIENCE, *GEOLOGY, *INSTRUCTIONAL MATERIALS, *SCIENCE ACTIVITIES, STREAM GRADIENT

B. MATHEMATICS EDUCATION

1. SE 006 659
ANDERSON, JACQUELYN; AND OTHERS
IMBEDDING COMPUTER PROGRAMMING IN THE MATHEMATICS CURRICULUM. A SERIES OF TEACHING PACKETS PRODUCED BY NEVADA MATHEMATICS COMPUTER CENTER PROJECT
CLARK COUNTY SCHOOL DISTRICT, LAS VEGAS, NEVADA, MATHEMATICS COMPUTER CENTER
06 00 68 125
*CURRICULUM GUIDES, *COMPUTERS, *CURRICULUM DEVELOPMENT, *COMPUTER SCIENCE, COMPUTER ORIENTED PROGRAMS, COMPUTER PROGRAMS, INSTRUCTION, INSTRUCTIONAL MATERIALS, MATHEMATICS, SECONDARY SCHOOL MATHEMATICS, TEACHING TECHNIQUES, TESTS, TEACHER RESOURCE MATERIALS

2. SE 500 390
BICKERSTAFF, T. A.
ENVELOPES OF CERTAIN SYSTEMS OF CHORDS OF A CIRCLE
SCHOOL SCIENCE AND MATHEMATICS
06 00 69 4
*COLLEGE MATHEMATICS, *GEOMETRY, *MATHEMATICS, GEOMETRIC CONCEPTS, SECONDARY SCHOOL MATHEMATICS

3. SE 500 352
BUCHMAN, AARON
THE USE OF CALCULATORS AND COMPUTERS IN MATHEMATICS INSTRUCTION IN NEW YORK STATE HIGH SCHOOL
SCHOOL SCIENCE AND MATHEMATICS
05 00 69 8
*COMPUTER ORIENTED PROGRAMS, *CURRICULUM, *EQUIPMENT UTILIZATION, *MATHEMATICS, *SECONDARY SCHOOL MATHEMATICS, COMPUTER ASSISTED INSTRUCTION, INSTRUCTION, NEW YORK

4. SE 007 207
CAMBRIDGE CONFERENCE ON SCHOOL MATHEMATICS
AVERAGES, AREAS AND VOLUMES, CAMBRIDGE CONFERENCE ON SCHOOL MATHEMATICS FEASIBILITY STUDY NUMBER 45
CAMBRIDGE CONFERENCE ON SCHOOL MATHEMATICS, NEWTON, MASSACHUSETTS
EDRS
ED 033 031 MF $0.25 HC NOT AVAILABLE FROM EDRS
69 32
*CALCULUS, ELEMENTARY SCHOOL MATHEMATICS, *GEOMETRY, *INSTRUCTIONAL MATERIALS, MATHEMATICAL CONCEPTS, *SECONDARY SCHOOL MATHEMATICS

5. SE 007 213
CAMBRIDGE CONFERENCE ON SCHOOL MATHEMATICS
AN EXPERIMENTAL TEXT IN TRANSFORMATIONAL GEOMETRY, STUDENT TEXT, CAMBRIDGE CONFERENCE ON SCHOOL MATHEMATICS FEASIBILITY STUDY NUMBER 43a
CAMBRIDGE CONFERENCE ON SCHOOL MATHEMATICS, NEWTON, MASSACHUSETTS
EDRS
ED 033 033 MF $0.50 HC NOT AVAILABLE FROM EDRS
69 89
*GEOMETRY, *GEOMETRIC CONCEPTS, *INSTRUCTIONAL MATERIALS, MATHEMATICS, MATHEMATICAL CONCEPTS, *SECONDARY SCHOOL MATHEMATICS, *TEXTBOOKS

6. SE 006 886
CAMBRIDGE CONFERENCE ON SCHOOL MATHEMATICS
AN EXPERIMENTAL TEXT IN TRANSFORMATIONAL GEOMETRY, TEACHERS' GUIDE, CAMBRIDGE CONFERENCE ON SCHOOL MATHEMATICS FEASIBILITY STUDY NUMBER 43b
CAMBRIDGE CONFERENCE ON SCHOOL MATHEMATICS, NEWTON, MASSACHUSETTS
EDRS
ED 033 023 MF $0.50 HC NOT AVAILABLE FROM EDRS
69 64
*ELEMENTARY SCHOOL MATHEMATICS, *GEOMETRY, GEOMETRIC CONCEPTS, *INSTRUCTIONAL MATERIALS, *MATHEMATICS, SECONDARY SCHOOL MATHEMATICS, *TEACHING GUIDES, CAMBRIDGE CONFERENCE ON SCHOOL MATHEMATICS

7. SE 500 834
DAVIES, ROBERT A.
LOW ACHIEVER LESSON IN PRIMES
THE ARITHMETIC TEACHER
11 00 69 4
*INSTRUCTIONAL MATERIALS, *LOW ACHIEVERS, *SECONDARY SCHOOL MATHEMATICS, ARITHMETIC, NUMBER CONCEPTS, TEACHING TECHNIQUES

8. SE 007 208
DAVIS, R.
PROBABILITY, CAMBRIDGE CONFERENCE ON SCHOOL MATHEMATICS FEASIBILITY STUDY NUMBER 7
CAMBRIDGE CONFERENCE ON SCHOOL MATHEMATICS, NEWTON, MASSACHUSETTS
EDRS
ED 033 846 MF $0.50 HC NOT AVAILABLE FROM EDRS
69 61
*ELEMENTARY SCHOOL MATHEMATICS, *INSTRUCTION, *INSTRUCTIONAL MATERIALS, *MATHEMATICS, *PROBABILITY, CAMBRIDGE CONFERENCE ON SCHOOL MATHEMATICS

9. SE 005 332
DAVIS, ROBERT B.
EXPLORATIONS IN MATHEMATICS, STUDENT DISCUSSION GUIDE
ADDISON-WESLEY PUBLISHING COMPANY, READING, MASSACHUSETTS
ED 024 596 NOT AVAILABLE FROM EDRS
66 168
*ELEMENTARY SCHOOL MATHEMATICS, *INSTRUCTIONAL MATERIALS, *MATHEMATICS, *SECONDARY SCHOOL MATHEMATICS, ARITHMETIC, CURRICULUM DEVELOPMENT, MATHEMATICAL CONCEPTS, PROBLEM SOLVING, TEXTBOOKS, THE MADISON PROJECT

10. SE 006 622
DAVIS, ROBERT B.
THE MADISON PROJECT PRESENTS MATERIALS FOR A SUPPLEMENTARY MATHEMATICS PROGRAM FOR GRADES 2 THROUGH 8
SYRACUSE UNIVERSITY, NEW YORK; WEBSTER COLLEGE, ST. LOUIS, MISSOURI
EDRS
ED 028 949 MF $0.25 HC $0.85
07 00 65 15
*ELEMENTARY SCHOOL MATHEMATICS, *FILMS, *INSTRUCTIONAL MATERIALS, *SECONDARY SCHOOL MATHEMATICS, CURRICULUM, MATHEMATICS, THE MADISON PROJECT

2

11. SE 007 211
FRIEDMAN, BERNARD
GEOMETRY THROUGH SYMMETRY, CAMBRIDGE CONFERENCE ON SCHOOL MATHEMATICS, FEASIBILITY STUDY NUMBER 32
CAMBRIDGE CONFERENCE ON SCHOOL MATHEMATICS, NEWTON, MASSACHUSETTS
EDRS
ED 033 847 MF $0.50 HC NOT AVAILABLE FROM EDRS
69 58
ELEMENTARY SCHOOL MATHEMATICS, *GEOMETRY, *GEOMETRIC CONCEPTS, GRADE 8, *INSTRUCTION, *INSTRUCTIONAL MATERIALS,*MATHEMATICS, RESOURCE MATERIALS, SECONDARY SCHOOL MATHEMATICS, MATHEMATICAL CONCEPTS, CAMBRIDGE CONFERENCE ON SCHOOL MATHEMATICS

12. SE 006 883
GOODMAN, A. F.; BLISCHKE, W. R.
PROBABILITY AND STATISTICS: A PRELUDE
DOUGLAS AIRCRAFT COMPANY, HUNTINGTON BEACH, CALIFORNIA
EDRS
ED 033 022 MF $0.25 HC $2.05
05 00 68 39
*INSTRUCTIONAL MATERIALS, INSERVICE TEACHER EDUCATION, *PROBABILITY THEORY, *STATISTICS, *SECONDARY SCHOOL MATHEMATICS, TEACHER EDUCATION

13. SE 007 212
HATCH, MARY JACQUELINE
EXPERIMENTAL COURSE IN ELEMENTARY NUMBER THEORY, CAMBRIDGE CONFERENCE ON SCHOOL MATHEMATICS FEASIBILITY STUDY NUMBER 35
CAMBRIDGE CONFERENCE ON SCHOOL MATHEMATICS, NEWTON, MASSACHUSETTS
EDRS
ED 033 848 MF $0.75 HC NOT AVAILABLE FROM EDRS
69 173
ARITHMETIC, ADDITION, DIVISION, *ELEMENTARY SCHOOL MATHEMATICS, *INSTRUCTION, *INSTRUCTIONAL MATERIALS, MULTIPLICATION, *NUMBER CONCEPTS, SUBTRACTION, BASE 10, BASE 7, BASE 2, BASE 12, CAMBRIDGE CONFERENCE ON SCHOOL MATHEMATICS

14. SE 004 989
HULL, T. E.
MONOGRAPH - THE NUMERICAL INTEGRATION OF ORDINARY DIFFERENTIAL EQUATIONS
COMMITTEE ON THE UNDERGRADUATE PROGRAM IN MATHEMATICS, BERKELEY, CALIFORNIA
EDRS
ED 024 575 MF $0.25 HC $1.80
66 34
*CURRICULUM, *COLLEGE MATHEMATICS, *INSTRUCTIONAL MATERIALS, *MATHEMATICS, COMPUTER ASSISTED INSTRUCTION, MATHEMATICAL CONCEPTS, NATIONAL SCIENCE FOUNDATION

15. SE 007 377
JOHNSON, DONOVAN A.
TEACHING MACHINES AND PROGRAMMED LEARNING
SCHOOL SCIENCE AND MATHEMATICS
03 00 62 6
*INSTRUCTIONAL INNOVATION, *PROGRAMED INSTRUCTION, *TEACHING MACHINES, COMPUTER ASSISTED INSTRUCTION, INSTRUCTIONAL AIDS, MATHEMATICS INSTRUCTION, MATHEMATICS EDUCATION, TEACHING

16. SE 006 564
JOHNSON, DONOVAN A.; RISING, GERALD R.
GUIDELINES FOR TEACHING MATHEMATICS
WADSWORTH PUBLISHING COMPANY
67 446
CURRICULUM DEVELOPMENT, DISCOVERY PROCESSES, *INSTRUCTIONAL MATERIALS, LOW ABILITY STUDENTS, *MATHEMATICS, OBJECTIVES, *SECONDARY SCHOOL MATHEMATICS, *TEACHING TECHNIQUES, *TEXTBOOKS

17. SE 005 877
KLEINSTEIN, ARNOLD
CENTRAL IOWA LOW ACHIEVER MATHEMATICS PROJECT - THE PROTRACTOR
CENTRAL IOWA LOW ACHIEVER MATHEMATICS PROJECT, DES MOINES
69 32
*INSTRUCTIONAL MATERIALS, *LOW ACHIEVERS, *MATHEMATICS, *SECONDARY SCHOOL MATHEMATICS, ARITHMETIC, INSTRUCTION, CENTRAL IOWA LOW-ACHIEVER MATHEMATICS PROJECT

18. SE 006 514
LEVIN, ALVIN IRVING
THE USE OF TAXONOMIC PROGRAMMING AS APPLIED TO THE TEACHING OF FRACTIONS IN GRADE FIVE
UNIVERSITY OF CALIFORNIA, LOS ANGELES
UNIVERSITY MICROFILMS, ANN ARBOR, MICHIGAN
ED 028 935 NOT AVAILABLE FROM EDRS
68 185
*ELEMENTARY SCHOOL MATHEMATICS, *FRACTIONS, *INSTRUCTION, *INSTRUCTIONAL MATERIALS, *PROGRAMED INSTRUCTION, ARITHMETIC, ACHIEVEMENT TESTS, BEHAVIORAL OBJECTIVES, COMPARATIVE ANALYSIS, GRADE 5, TESTS, DOCTORAL THESES, THE TAXONOMIC SKILLS ACHIEVEMENT TEST IN FRACTIONS

19. SE 007 206
LOMAN, EARL
INEQUALITIES AND REAL NUMBERS AS A BASIS FOR SCHOOL MATHEMATICS, CAMBRIDGE CONFERENCE ON SCHOOL MATHEMATICS, FEASIBILITY STUDY NUMBER 38
CAMBRIDGE CONFERENCE ON SCHOOL MATHEMATICS, NEWTON, MASSACHUSETTS
EDRS
ED 033 845 MF $0.50 HC NOT AVAILABLE FROM EDRS
69 86
ARITHMETIC, *ELEMENTARY SCHOOL MATHEMATICS, GRADE 1, GRADE 3, *INSTRUCTION, *INSTRUCTIONAL MATERIALS, MATHEMATICAL CONCEPTS, RESOURCE MATERIALS

20. SE 007 301
LOW, M. J. D.; ABRAMS, L.
AN AUTOMATIC MERCURY STILL
JOURNAL OF CHEMICAL EDUCATION
10 00 65 2
*CHEMISTRY, *DISTILLATION, *SCIENCE EQUIPMENT, COLLEGE SCIENCE, LABORATORY TECHNIQUES, MERCURY STILL, 1965

21. SE 006 216
MALCOM, PAUL SCOTT
FINITE TRIGONOMETRY: A RESOURCE FOR TEACHERS
OHIO STATE UNIVERSITY, COLUMBUS
UNIVERSITY MICROFILMS, ANN ARBOR, MICHIGAN
ED 028 078 NOT AVAILABLE FROM EDRS
68 136
*COLLEGE MATHEMATICS, *GEOMETRIC CONCEPTS, *INSTRUCTIONAL MATERIALS, *TRIGONOMETRY, MATHEMATICS, RESOURCE MATERIALS

22. SE 006 554
MATHEMATICAL ASSOCIATION OF GHANA
ADDITIONAL MATHEMATICS, PART 1, JOINT SCHOOLS PROJECT
MATHEMATICAL ASSOCIATION OF GHANA, ACHIMOTA
67 96
*ALGEBRA, *INSTRUCTIONAL MATERIALS, *NUMBER CONCEPTS, *SECONDARY SCHOOL MATHEMATICS, *CURRICULUM DEVELOPMENT, *MATHEMATICS, MATHEMATICAL CONCEPTS, PROBLEM SOLVING, MATHEMATICAL ASSOCIATION OF GHANA, GHANA, JOINT SCHOOLS PROJECT

23. SE 006 553
MATHEMATICAL ASSOCIATION OF GHANA
ADDITIONAL MATHEMATICS, PART 3, JOINT SCHOOLS PROJECT
MATHEMATICAL ASSOCIATION OF GHANA, ACHIMOTA
68 96
*ALGEBRA, *CURRICULUM DEVELOPMENT, *INSTRUCTIONAL MATERIALS, *SECONDARY SCHOOL MATHEMATICS, *MATHEMATICS, MATHEMATICAL CONCEPTS, MATHEMATICAL LOGIC, PROBABILITY THEORY, GHANA, JOINT SCHOOLS PROJECT

24. SE 006 551
MATHEMATICAL ASSOCIATION OF GHANA
MATHEMATICS, TRIAL EDITION, PART 3A, WORKBOOK, JOINT SCHOOLS PROJECT
MATHEMATICAL ASSOCIATION OF GHANA, ACHIMOTA
LONGMANS, GREEN & COMPANY
67 28
*CURRICULUM DEVELOPMENT, *INSTRUCTIONAL MATERIALS, *MATHEMATICS, *PLANE GEOMETRY, *SECONDARY SCHOOL MATHEMATICS, ARITHMETIC, GEOMETRY, MATHEMATICAL CONCEPTS, WORKBOOKS, MATHEMATICAL ASSOCIATION OF GHANA, GHANA, JOINT SCHOOLS PROJECT

25. SE 006 559
MATHEMATICAL ASSOCIATION OF GHANA
MATHEMATICS, TRIAL EDITION, PART 3B, TEXTBOOK, JOINT SCHOOLS PROJECT
MATHEMATICAL ASSOCIATION OF GHANA, ACHIMOTA
LONGMANS, GREEN & COMPANY
68 127
*ALGEBRA, *CURRICULUM DEVELOPMENT, *INSTRUCTIONAL MATERIALS, *MATHEMATICS, *SECONDARY SCHOOL MATHEMATICS, *TRIGONOMETRY, GEOMETRY, MATHEMATICAL CONCEPTS, MATHEMATICAL ASSOCIATION OF GHANA, GHANA, JOINT SCHOOLS PROJECT

26. SE 006 558
MATHEMATICAL ASSOCIATION OF GHANA
MATHEMATICS, TRIAL EDITION, PART 3B, WORKBOOK, JOINT SCHOOLS PROJECT
MATHEMATICAL ASSOCIATION OF GHANA, ACHIMOTA
LONGMANS, GREEN & COMPANY
68 32
*CURRICULUM DEVELOPMENT, *INSTRUCTIONAL MATERIALS, *MATHEMATICS, *SECONDARY SCHOOL MATHEMATICS, *WORKBOOKS, ARITHMETIC, GEOMETRY, MATHEMATICAL CONCEPTS, PLANE GEOMETRY, MATHEMATICAL ASSOCIATION OF GHANA, GHANA, JOINT SCHOOLS PROJECT

27. SE 006 557
MATHEMATICAL ASSOCIATION OF GHANA
MATHEMATICS, TRIAL EDITION, PART 4A, TEXTBOOK, JOINT SCHOOLS PROJECT
MATHEMATICAL ASSOCIATION OF GHANA, ACHIMOTA
LONGMANS, GREEN & COMPANY
67 123
*ALGEBRA, *CURRICULUM DEVELOPMENT, *GEOMETRY, *INSTRUCTIONAL MATERIALS, *MATHEMATICS, *SECONDARY SCHOOL MATHEMATICS, MATHEMATICAL CONCEPTS, MATHEMATICAL ASSOCIATION OF GHANA, GHANA, JOINT SCHOOLS PROJECT

28. SE 006 556
MATHEMATICAL ASSOCIATION OF GHANA
MATHEMATICS, TRIAL EDITION, PART 4B, TEXTBOOK, JOINT SCHOOLS PROJECT
MATHEMATICAL ASSOCIATION OF GHANA, ACHIMOTA
LONGMANS, GREEN & COMPANY
68 109
*ALGEBRA, *CURRICULUM DEVELOPMENT, *GEOMETRY, *INSTRUCTIONAL MATERIALS, *SECONDARY SCHOOL MATHEMATICS, MATHEMATICS, MATHEMATICAL CONCEPTS, MATHEMATICAL LOGIC, SOLID GEOMETRY, MATHEMATICAL ASSOCIATION OF GHANA, GHANA, JOINT SCHOOLS PROJECT

29. SE 006 555
MATHEMATICAL ASSOCIATION OF GHANA
MATHEMATICS, TRIAL EDITION, PART 5A, TEXTBOOK, JOINT SCHOOLS PROJECT
MATHEMATICAL ASSOCIATION OF GHANA, ACHIMOTA
LONGMANS, GREEN & COMPANY
68 118
*ALGEBRA, *CURRICULUM DEVELOPMENT, *GEOMETRY, *INSTRUCTIONAL MATERIALS, *MATHEMATICS, *SECONDARY SCHOOL MATHEMATICS, MATHEMATICAL CONCEPTS, PROBABILITY THEORY, GHANA, MATHEMATICAL ASSOCIATION OF GHANA, JOINT SCHOOLS PROJECT

30. SE 500 013
MATHISON, SALLY
MATHEMATICALOSTERMS
THE ARITHMETIC TEACHER
01 00 69 2
*ARITHMETIC, *INSTRUCTIONAL MATERIALS, *MATHEMATICAL VOCABULARY, *SECONDARY SCHOOL MATHEMATICS, GRADE 7, GRADE 8

31. SE 500 301
MAUTHE, ALBERT H.
CLIMB THE LADDER
THE ARITHMETIC TEACHER
05 00 69 3
*ADDITION, *ELEMENTARY SCHOOL MATHEMATICS, *INSTRUCTION, *NUMBER CONCEPTS, *WHOLE NUMBERS, ARITHMETIC, MATHEMATICAL CONCEPTS, TEACHING PROCEDURES

32. SE 500 302
MEHL, WILLIAM G.; MEHL, DAVID W.
GRISLY GRIDS
THE ARITHMETIC TEACHER
05 00 69 3
*ARITHMETIC, *AUDIOVISUAL AIDS, *INSTRUCTION, *MULTIPLICATION, *WHOLE NUMBERS, ELEMENTARY SCHOOL MATHEMATICS, INSTRUCTIONAL MATERIALS, MATHEMATICAL CONCEPTS, NUMBER CONCEPTS, TEACHING PROCEDURES

33. SE 500 169
MOSKOWITZ, SHEILA
THE CROSSNUMBER PUZZLE SOLVES A TEACHING PROBLEM
THE MATHEMATICS TEACHER
03 00 69 4
*ENRICHMENT ACTIVITIES, *GEOMETRIC CONCEPTS, *INSTRUCTIONAL MATERIALS, *PROBLEM SOLVING, ALGEBRA, MATHEMATICAL CONCEPTS

34. SE 007 203
McLANE, LYN
SYMMETRY MOTION CLASSES, CAMBRIDGE CONFERENCE ON SCHOOL MATHEMATICS, FEASIBILITY STUDY NUMBER 40
CAMBRIDGE CONFERENCE ON SCHOOL MATHEMATICS, NEWTON, MASSACHUSETTS
EDRS
ED 033 028 MF $0.25 HC NOT AVAILABLE FROM EDRS
69 28
ARITHMETIC, CURRICULUM DEVELOPMENT, *ELEMENTARY SCHOOL MATHEMATICS, *GEOMETRIC CONCEPTS, *INSTRUCTION, INSTRUCTIONAL MATERIALS, MATHEMATICAL CONCEPTS, *SYMMETRY

35. SE 007 168
NEW YORK CITY BOARD OF EDUCATION
MATHEMATICS, 8TH YEAR, PART 2
NEW YORK CITY BOARD OF EDUCATION, BROOKLYN
EDRS
ED 031 410 MF $0.75 HC NOT AVAILABLE FROM EDRS
69 177
*ARITHMETIC, *CURRICULUM DEVELOPMENT, DISCOVERY PROCESSES, GRADE 8, *INSTRUCTIONAL MATERIALS, MATHEMATICS, MATHEMATICAL CONCEPTS, NUMBER CONCEPTS, PROBLEM SOLVING, *SECONDARY SCHOOL MATHEMATICS, *TEACHING GUIDES, NEW YORK CITY, NEW YORK

36. SE 005 407
NEW YORK CITY BOARD OF EDUCATION
MATHEMATICS, PRE-KINDERGARTEN, KINDERGARTEN, AND GRADE ONE, PART ONE
NEW YORK CITY BOARD OF EDUCATION, BROOKLYN
EDRS
ED 024 599 MF $0.50 HC NOT AVAILABLE FROM EDRS
09 00 66 70
*ARITHMETIC, *CURRICULUM, *ELEMENTARY SCHOOL MATHEMATICS, *MATHEMATICS, *TEACHING GUIDES, COURSE ORGANIZATION, GRADE 1, INSTRUCTION, KINDERGARTEN, LEARNING ACTIVITIES, MATHEMATICAL CONCEPTS, NUMBER CONCEPTS, NEW YORK CITY, NEW YORK

37. SE 005 929
PAGE, DAVID A.
MANEUVERS ON LATTICES: AN EXAMPLE OF "INTERMEDIATE INVENTION"
EDUCATIONAL SERVICES INCORPORATED, WATERTOWN, MASSACHUSETTS
65 15
*ELEMENTARY SCHOOL MATHEMATICS, *INSTRUCTIONAL MATERIALS, *MATHEMATICS, *MATHEMATICAL CONCEPTS, *TEACHING TECHNIQUES, *WHOLE NUMBERS, ARITHMETIC, FUNDAMENTAL OPERATIONS, INSTRUCTION, NUMBER CONCEPTS, SECONDARY SCHOOL MATHEMATICS

38. SE 500 091
PARKER, ROBERT
GRAPH PAPER - A VERSATILE VISUAL AID
THE ARITHMETIC TEACHER
02 00 69 5
*AUDIOVISUAL AIDS, *ELEMENTARY SCHOOL MATHEMATICS, *INSTRUCTIONAL MATERIALS, *TEACHING PROCEDURES, NUMBER CONCEPTS, GRAPH PAPER

39. SE 500 159
PIERSON, ROBERT C.
ELEMENTARY GRAPHING EXPERIENCES
THE ARITHMETIC TEACHER
03 00 69 3
*AUDIOVISUAL AIDS, *ELEMENTARY SCHOOL MATHEMATICS, *GRAPHS, *INSTRUCTION, ARITHMETIC, MATHEMATICAL CONCEPTS

40. SE 500 208
SMITH, FRANK
THE READABILITY OF JUNIOR HIGH SCHOOL MATHEMATICS TEXTBOOKS
THE MATHEMATICS TEACHER
04 00 69 3
*INSTRUCTIONAL MATERIALS, *READABILITY, *SECONDARY SCHOOL MATHEMATICS, *TEXTBOOKS, *TEXTBOOK SELECTION, MATHEMATICS

41. SE 007 164
SUYDAM, MARILYN N.; RIEDESEL, C. ALAN
INTERPRETIVE STUDY OF RESEARCH AND DEVELOPMENT IN ELEMENTARY SCHOOL MATHEMATICS, VOLUME 2: COMPILATION OF RESEARCH REPORTS
PENNSYLVANIA STATE UNIVERSITY, UNIVERSITY PARK
EDRS
ED 030 017 MF $1.25 HC $16.75
06 00 69 333
ARITHMETIC, ACHIEVEMENT, CURRICULUM, *CURRICULUM DEVELOPMENT, *ELEMENTARY SCHOOL MATHEMATICS, EDUCATIONAL RESOURCES, INSERVICE EDUCATION, LEARNING THEORIES, *MATHEMATICS EDUCATION, PROBLEM SOLVING, PROGRAMED INSTRUCTION, *RESEARCH, TEACHER EDUCATION, TESTING

42. SE 007 214
WALTER, MARION
INFORMAL GEOMETRY FOR YOUNG CHILDREN, CAMBRIDGE CONFERENCE ON SCHOOL MATHEMATICS FEASIBILITY STUDY NUMBER 34b
CAMBRIDGE CONFERENCE ON SCHOOL MATHEMATICS, NEWTON, MASSACHUSETTS
EDRS
ED 033 034 MF $0.25 HC NOT AVAILABLE FROM EDRS
69 37
*ELEMENTARY SCHOOL MATHEMATICS, *GEOMETRY, *GEOMETRIC CONCEPTS, GRADE 1, GRADE 6, *INSTRUCTION, *INSTRUCTIONAL MATERIALS, MATHEMATICAL CONCEPTS, RESOURCE MATERIALS

43. SE 500 229
WILLIAMS, RUSSELL L.
BINGTAC
THE ARITHMETIC TEACHER
04 00 69 2
*ELEMENTARY SCHOOL MATHEMATICS, *EDUCATIONAL GAMES, *INSTRUCTIONAL MATERIALS, *MATHEMATICS, *MULTIPLICATION, AUDIOVISUAL AIDS, ADDITION, CLASSROOM MATERIALS, NUMBER CONCEPTS

44. SE 006 053
ZIMMERMAN, JOSEPH
CENTRAL IOWA LOW-ACHIEVER MATHEMATICS PROJECT - ESP
CENTRAL IOWA LOW-ACHIEVER MATHEMATICS PROJECT, DES MOINES
EDRS
ED 025 437 MF $0.50 HC $3.30
11 00 68 64
*ELEMENTARY SCHOOL MATHEMATICS, *INSTRUCTIONAL MATERIALS, *LOW ACHIEVERS, *MATHEMATICS, *PROBLEM SOLVING, *SECONDARY SCHOOL MATHEMATICS, CURRICULUM DEVELOPMENT, CURRICULUM, TEACHING, CENTRAL IOWA LOW ACHIEVER MATHEMATICS PROJECT

45. SE 500 424
BOOKLET NUMBER NINE: THE SYSTEM OF INTEGERS
NATIONAL COUNCIL OF TEACHERS OF MATHEMATICS YEARBOOK
69 67
*ARITHMETIC, *ELEMENTARY SCHOOL MATHEMATICS, *INSTRUCTIONAL MATERIALS, *INTEGERS, MATHEMATICAL CONCEPTS, NUMBER CONCEPTS, TEACHER EDUCATION, NATIONAL COUNCIL OF TEACHERS OF MATHEMATICS

46. SE 500 425
BOOKLET NUMBER TEN: THE SYSTEM OF RATIONAL NUMBERS
NATIONAL COUNCIL OF TEACHERS OF MATHEMATICS YEARBOOK
69 74
*ARITHMETIC, *ELEMENTARY SCHOOL MATHEMATICS, *INSTRUCTIONAL MATERIALS, *RATIONAL NUMBERS, MATHEMATICAL CONCEPTS, NUMBER CONCEPTS, TEACHER EDUCATION, NATIONAL COUNCIL OF TEACHERS OF MATHEMATICS

47. SE 500 426
BOOKLET NUMBER ELEVEN: THE SYSTEM OF REAL NUMBERS
NATIONAL COUNCIL OF TEACHERS OF MATHEMATICS YEARBOOK
69 45
*ARITHMETIC, *ELEMENTARY SCHOOL MATHEMATICS, *INSTRUCTIONAL MATERIALS, *REAL NUMBERS, *SECONDARY SCHOOL MATHEMATICS, MATHEMATICAL CONCEPTS, NUMBER CONCEPTS, TEACHER EDUCATION, NATIONAL COUNCIL OF TEACHERS OF MATHEMATICS

48. SE 500 427
BOOKLET NUMBER TWELVE: LOGIC
NATIONAL COUNCIL OF TEACHERS OF MATHEMATICS YEARBOOK
69 50
*DEDUCTIVE METHODS, *ELEMENTARY SCHOOL MATHEMATICS, *INSTRUCTIONAL MATERIALS, *LOGIC, *MATHEMATICAL LOGIC, ARITHMETIC, MATHEMATICAL CONCEPTS, SECONDARY SCHOOL MATHEMATICS, TEACHER EDUCATION, NATIONAL COUNCIL OF TEACHERS OF MATHEMATICS

49. SE 500 428
BOOKLET NUMBER THIRTEEN: GRAPHS, RELATIONS, AND FUNCTIONS
NATIONAL COUNCIL OF TEACHERS OF MATHEMATICS YEARBOOK
69 85
*ELEMENTARY SCHOOL MATHEMATICS, *GRAPHS, *INSTRUCTIONAL MATERIALS, *MATHEMATICAL RELATION, *MATHEMATICAL FUNCTIONS, ARITHMETIC, MATHEMATICAL CONCEPTS, SECONDARY SCHOOL MATHEMATICS, TEACHER EDUCATION, NATIONAL COUNCIL OF TEACHERS OF MATHEMATICS

50. SE 500 429
BOOKLET NUMBER FOURTEEN: INFORMAL GEOMETRY
NATIONAL COUNCIL OF TEACHERS OF MATHEMATICS YEARBOOK
69 66
*ELEMENTARY SCHOOL MATHEMATICS, *GEOMETRY, *GEOMETRIC CONCEPTS, *INSTRUCTIONAL MATERIALS, MATHEMATICAL CONCEPTS, SECONDARY SCHOOL MATHEMATICS, TEACHER EDUCATION, NATIONAL COUNCIL OF TEACHERS OF MATHEMATICS

51. SE 500 430
BOOKLET NUMBER FIFTEEN: MEASUREMENT
NATIONAL COUNCIL OF TEACHERS OF MATHEMATICS YEARBOOK
69 46
*ARITHMETIC, *ELEMENTARY SCHOOL MATHEMATICS, *INSTRUCTIONAL MATERIALS, *MEASUREMENT, *MEASUREMENT TECHNIQUES, TEACHER EDUCATION, NATIONAL COUNCIL OF TEACHERS OF MATHEMATICS

52. SE 500 431
BOOKLET NUMBER SIXTEEN: COLLECTING, ORGANIZING, AND INTERPRETING DATA
NATIONAL COUNCIL OF TEACHERS OF MATHEMATICS YEARBOOK
69 42
*ELEMENTARY SCHOOL MATHEMATICS, *INSTRUCTIONAL MATERIALS, *PROBABILITY, *STATISTICS, DATA COLLECTION, PROBLEM SOLVING, SECONDARY SCHOOL MATHEMATICS, SAMPLING, TEACHER EDUCATION, NATIONAL COUNCIL OF TEACHERS OF MATHEMATICS

53. SE 500 432
BOOKLET NUMBER SEVENTEEN: HINTS FOR PROBLEM SOLVING
NATIONAL COUNCIL OF TEACHERS OF MATHEMATICS YEARBOOK
69 61
*ARITHMETIC, *ELEMENTARY SCHOOL MATHEMATICS, *GEOMETRY, *INSTRUCTIONAL MATERIALS, *PROBLEM SOLVING, TEACHER EDUCATION, NATIONAL COUNCIL OF TEACHERS OF MATHEMATICS

54. SE 500 433
BOOKLET NUMBER EIGHTEEN: SYMMETRY, CONGRUENCE, AND SIMILARITY
NATIONAL COUNCIL OF TEACHERS OF MATHEMATICS YEARBOOK
69 46
*ELEMENTARY SCHOOL MATHEMATICS, *GEOMETRY, *GEOMETRIC CONCEPTS, *INSTRUCTIONAL MATERIALS, CONGRUENCE, SECONDARY SCHOOL MATHEMATICS, SYMMETRY, SIMILARITY, TEACHER EDUCATION, NATIONAL COUNCIL OF TEACHERS OF MATHEMATICS

55. SE 006 075
PRODUCT INFORMATION SUPPLEMENT NUMBER 3: MODERN ELEMENTARY MATHEMATICS SERIES
EDUCATIONAL PRODUCTS INFORMATION EXCHANGE (EPIE) FORUM
11 00 67 11
*ELEMENTARY SCHOOL MATHEMATICS, *EVALUATION, *INSTRUCTIONAL MATERIALS, *MATHEMATICS, *TEXTBOOKS, TEXTBOOK SELECTION, 1967

C. GENERAL

1. SE 006 476
DAVID, BROTHER AUSTIN, FSC
TELEVISION, TELEPHONE, AND COMPUTER AS TOOLS OF THE EDUCATOR
THE SCIENCE TEACHER
12 00 68 3
*ADULT EDUCATION, *COMPUTERS, *EDUCATIONAL MEDIA, EDUCATIONAL TELEVISION, EDUCATIONAL PROGRAMS, *INSERVICE EDUCATION, TEACHER EDUCATION, TEACHER CHARACTERISTICS

2. SE 006 343
ERIC INFORMATION ANALYSIS CENTER FOR SCIENCE EDUCATION
SCIENCE EDUCATION INFORMATION REPORT, GENERAL BIBLIOGRAPHY SERIES 13, INSTRUCTIONAL EQUIPMENT AND MATERIALS
ERIC INFORMATION ANALYSIS CENTER FOR SCIENCE EDUCATION, COLUMBUS, OHIO
EDRS
ED 026 279 MF $0.50 HC $4.05
12 00 68 79
*AUDIOVISUAL AIDS, *BIBLIOGRAPHIES, *SCIENCE EDUCATION, *SCIENCE EQUIPMENT, *SCIENCE MATERIALS, BIOLOGY, COLLEGE SCIENCE, ELEMENTARY SCHOOL SCIENCE, LABORATORY EQUIPMENT, MATHEMATICS EDUCATION, PHYSICAL SCIENCES, SECONDARY SCHOOL SCIENCE

3. SE 003 992
FORD, G. W.; PUGNO, LAWRENCE
THE STRUCTURE OF KNOWLEDGE AND THE CURRICULUM
RAND McNALLY CURRICULUM SERIES
65 105
*CURRICULUM DESIGN, *LEARNING, ENGLISH, MATHEMATICS, NATURAL SCIENCES

4. SE 500 188
GARON, HENRY A.
MECHANICAL HYSTERESIS WITH INEXPENSIVE EQUIPMENT
THE PHYSICS TEACHER
02 00 69 4
*INSTRUCTION, *PHYSICAL SCIENCES, *PHYSICS, *SECONDARY SCHOOL SCIENCE, *SCIENCE EQUIPMENT, COLLEGE SCIENCE, INSTRUCTIONAL MATERIALS, LABORATORY EQUIPMENT, LABORATORY EXPERIMENTS

5. SE 006 724
HARDY, DONALD W.; AND OTHERS
CALIFORNIA ARCHAEOLOGY
UNIVERSITY OF CALIFORNIA, BERKELEY
ERIC CENTER, 1460 WEST LANE AVENUE, COLUMBUS, OHIO (ON LOAN)
ED 029 791 DOCUMENT NOT AVAILABLE FROM EDRS
67 70
*ANTHROPOLOGY, ARCHAEOLOGY, *ELEMENTARY SCHOOL SCIENCE, GRADE 6, *INSTRUCTIONAL MATERIALS, *SOCIAL SCIENCES, *SCIENCE UNITS

6. SE 006 355
LARSEN, LAWRENCE A.
AN INTRODUCTION TO LOGIC CONTROL SYSTEMS FOR THE BEHAVIORAL SCIENTIST, PART I, TEXT
GEORGE PEABODY COLLEGE FOR TEACHERS, NASHVILLE, TENNESSEE
EDRS
ED 028 929 MF $0.75 HC $7.95
68 157
*INSTRUCTION, *INSTRUCTIONAL MATERIALS, *PROGRAMED INSTRUCTION, COMPUTERS, COMPUTER PROGRAMS, ELECTRONICS, ELECTRONIC TECHNICIANS, MATHEMATICS

7. SE 004 451
McCORMICK, ROBERT
THE WORLD'S GEOGRAPHY
HUGHSON UNION HIGH SCHOOL, CALIFORNIA
07 00 67 30
*GEOGRAPHY, *INSTRUCTIONAL MATERIALS, GRADE 9, MAPS, SOCIAL STUDIES

8. SE 006 078
PARSEGIAN, V. L.; AND OTHERS
LABORATORY AND MATHEMATICS SUPPLEMENT TO INTRODUCTION TO NATURAL SCIENCE, PART ONE, THE PHYSICAL SCIENCES
ACADEMIC PRESS
04 00 68 205
*COLLEGE SCIENCE, *INSTRUCTIONAL MATERIALS, *LABORATORY MANUAL, *MATHEMATICS, *PHYSICAL SCIENCES, NATURAL SCIENCES, TEXTBOOKS, 1968

9. SE 005 532
SIEBERT, FRED S.
AN ANALYSIS OF UNIVERSITY POLICY STATEMENTS ON INSTRUCTIONAL RECORDINGS AND THEIR RE-USE
ERIC CLEARINGHOUSE ON EDUCATIONAL MEDIA AND TECHNOLOGY, STANFORD UNIV., CALIF.
68 9
*COLLEGES, *INSTRUCTIONAL MATERIALS, *TAPE RECORDINGS, *VIDEOTAPE RECORDINGS, COPYRIGHTS, INSTRUCTIONAL MEDIA, POLICY

10. SE 500 043
SLAGLE, ROBERT D.
COMPUTER-ASSISTED LEARNING TAUGHT IN PROJECT LOCAL
THE SCIENCE TEACHER
01 00 69 2
*COMPUTER ASSISTED INSTRUCTION, *PROGRAM DESCRIPTIONS, *SECONDARY SCHOOL SCIENCE, *SECONDARY SCHOOL MATHEMATICS, *ELEMENTARY AND SECONDARY EDUCATION ACT, TITLE III, COMPUTERS, EDUCATIONAL PROGRAMS, PROJECT LOCAL

11. SE 006 536
SUNDERLIN, SYLVIA
BIBLIOGRAPHY OF BOOKS FOR CHILDREN
ASSOCIATION FOR CHILDHOOD EDUCATION, WASHINGTON, D.C.
68 132
*ANNOTATED BIBLIOGRAPHIES, *RESOURCE MATERIALS, AEROSPACE TECHNOLOGY, BIOLOGY, CHEMISTRY, CONSERVATION, ELEMENTARY SCHOOL SCIENCE, EARTH SCIENCES, INSTRUCTIONAL MATERIALS, MATHEMATICS, PHYSICS, PHYSICAL SCIENCES, REFERENCE MATERIALS, SECONDARY SCHOOL SCIENCE, SOCIAL STUDIES

12. SE 006 779
THOMAS, GEORGELLE
PROGRAMMED INSTRUCTION FOR TEACHING ANTHROPOLOGY IN THE FIFTH GRADE
JOURNAL OF EXPERIMENTAL EDUCATION
68 5
*ANTHROPOLOGY, BIOLOGY, *ELEMENTARY SCHOOL SCIENCE, *GRADE 5, INSTRUCTIONAL MATERIALS, *PROGRAMED INSTRUCTION, RESEARCH REPORTS, *SOCIAL STUDIES

13. SE 005 331
PROGRAMMED INSTRUCTION GUIDE
ENTELEK INCORPORATED
68 498
*INSTRUCTIONAL MATERIALS, *PROGRAMED MATERIALS, *PROGRAM GUIDES, BIOLOGY, COLLEGE SCIENCE, CHEMISTRY, ELEMENTARY SCHOOL SCIENCE, ENGINEERING, EARTH SCIENCE, INSTRUCTIONAL MEDIA, MATHEMATICS, PHYSICAL SCIENCE, PHYSICS, PROGRAM DESCRIPTIONS, PROGRAMED INSTRUCTION, SECONDARY SCHOOL SCIENCE

D. AUTHOR INDEX

Authors or organizations responsible for documents are listed alphabetically. The document number of each publication listed is entered after the name of the author or organization. The letter indicates the section of the bibliography and the numeral represents the document number in that section.

ADAMS, JAMES H., JR. (1A)

AHERNE, JOHN C. (2A)

ALYEA, HUBERT N. (3A)

AMEND, JOHN R. (4A)

AMERICAN GEOLOGICAL INSTITUTE (5A)

ANDERSON, C. B.;
WOOD, STANLEY E. (6A)

ANDERSON, JACQUELYN; AND OTHERS (1B)

ASSOCIATION FOR SCIENCE EDUCATION (7A)

ATKINS, DAVID L.;
BANNOWSKY, FRED (8A)

ATWATER, H. A. (9A)

BAILEY, R. A.; AND OTHERS (10A)

BAJEMA, CARL JAY; AND OTHERS (11A)

BAKER, WILBUR L.;
BOOZER, CHARLES E. (12A)

BANTA, H. R.; GLEASON, G. I. (13A)

BARKDOLL, O. R. (14A)

BARNARD, W. ROBERT (15A)

BARNARD, W. ROBERT; SCHRAGE, SAMUEL (16A)

BARNHART, WILLIAM M. (17A)

BARRILLEAUX, LOUIS E. (18A, 19A)

BEAUCHAMP, WILBUR L.;
YOUNG, DORIS (20A)

BELL, GRAYDON D.;
TUBBS, ELDRED F. (21A)

BERG, T. G. OWE (22A)

BERGER, CARL; AND OTHERS (23A)

BERNDT, ALAN F. (24A)

BETHLEHEM AREA SCHOOL DISTRICT (25A, 26A)

BEUSCHLEIN, MURIEL (27A)

BICKERSTAFF, T. A. (2B)

BIGELOW, M. JEROME (28A)

BINGHAM, C. D. (29A)

BLANK, STANLEY S.; COVINGTON, MARTIN (30A)

BLUM, RONALD (31A)

BOGUT, THOMAS L. (32A)

BREWER, JOHN M.; ASHWORTH, RAYMOND (33A)

BREYERE, EDWARD J.;
SPRENGER, WOLFGANG W. (34A)

BROWN, OLIVER L. I. (35A)

BROWN, RICHARD K. (36A)

BUCHMAN, AARON (3B)

BULLEN, T. G. (37A)

BUSCH, PHYLLIS S. (38A, 39A, 40A)

BUTTS, DAVID P. (41A)

CADDEN, JOHN J.; BROSTOWN, PATRICK (42A)

CAMBRIDGE CONFERENCE ON SCHOOL MATHEMATICS (4B, 5B, 6B)

CARPENTER, CHARLES D. (43A)

CARR, H. Y.; AND OTHERS (44A)

CASPERSON, L. W.; NICOLET, M. A. (45A)

CHESICK, JOHN P. (46A)

CHRISTIAN, SHERRIL D. (47A)

CLAESSENS, K.; FONTIJN, F. (48A)

CLARKE, MICHAEL J.;
VENEZKY, DAVID L. (49A)

COHEN, DAVID; AND OTHERS (50A)

COLLINGS, PETER J.; GORDON, JOEL E. (51A)

COLLINS, KENNETH E. (52A)

COMMISSION ON UNDERGRADUATE EDUCATION
IN THE BIOLOGICAL SCIENCES (53A)

CORLISS, WILLIAM R.;
ANDERTON, DAVID A. (54A)

COWAN, PAUL J. (55A)

COWANS, JOSEPH A.; KATZ, SIDNEY A. (56A)

CRANE, H. R. (57A)

CROASDALE, WILLIAM (58A)

DAMASKOS, NICKANDER J. (59A)

DARNOWSKI, VINCENT S. (60A)

DARROW, FRANK W. (61A)

DAVID, BROTHER AUSTIN (1C)

DAVIES, ROBERT A. (7B)

DAVIS, R. (8B)

DAVIS, ROBERT B. (9B, 10B)

DAVIS, ROBERT C.; AND OTHERS (62A)

DAVIS, ROBERT C.;
VASILAKES, WILLIAM S. (63A)

DELIDOW, STANLEY V. (64A)

DeTHOMAS, ANTHONY V.;
PASCUAL, FRANCIS (65A)

DeWITT, CALVIN B. (66A)

DIAMOND, ROBERT M. (67A)

DOTY, GENE (68A)

DURANT, VICTORIA;
MONTGOMERY, MARSHALL (69A)

EASLEY, JOHN A.; AND OTHERS (70A)

EATON, B. G. (71A)

EDGE, ROBERT A.;
FOWLES, GERALD W. A. (72A)

EFINGER, HELMUT J. (73A)

ERIC INFORMATION ANALYSIS CENTER FOR
SCIENCE EDUCATION (2C)

EVANS, THOMAS P. (74A)

EWING, GALEN W. (75A, 76A, 77A, 78A,
79A, 80A, 81A, 82A, 83A, 84A, 85A)

EXTERMANN, RICHARD C. (86A)

FIESER, LOUIS F. (87A)

FITZGIBBONS, ROBERT C. (88A)

FORD, G. W.; PUGNO, LAWRENCE (3C)

FOSTER, JOHN M. (89A)

FRENCH, W. R., JR.; AND OTHERS (90A)

FRENCH, W. R.; BUNTING, R. L. (91A)

FRIEDMAN, BERNARD (11B)

GALEN, DONALD F. (92A)

GARON, HENRY A. (4C)

GARWIN, RICHARD L. (93A)

GODFREY, JOHN C. (94A)

GOLDBERG, HARRIS PAUL (95A)

GOODMAN, A. F.;
BLISCHKE, W. R. (12B)

GOODMAN, JOHN M. (96A)

GOTTLIEB, HERBERT H. (97A, 98A, 99A, 100A)

GOYAL, K. C.; SWAMI, PIYUSH (101A)

GREGG, CHARLES W.;
STRUTHERS, JOSEPH A. (102A)

GROSSBERG, ALAN B. (103A)

GYMER, ROGER G. (104A)

HAGESETH, GAYLORD T. (105A)

HAGESETH, GAYLORD T.;
McCORMACK, FRANCIS J. (106A)

HAIGHT, G. P. (107A)

HAMILTON, J. H.; STEVENS, W. H. (108A)

HANEY, RICHARD E. (109A)

HARDY, DONALD W.; AND OTHERS (5C)

HASTINGS, R. B. (110A)

HATCH, MARY JACQUELINE (13B)

HELDMAN, LAWRENCE J.;
LITTLE, RICHARD (111A)

HERBENER, R. E. (112A)

HERRON, J. DUDLEY (113A)

HERTZLER, EMMANUEL C.;
GEDEON, ANTHONY (114A)

HILL, DEREK L.; AND OTHERS (115A)

HILL, EDWIN K.; AND OTHERS (116A)

HILL, KATHERINE E. (117A)

HOLAH, D. G. (119A)

HOLLAND, M. W. (120A)

HOLMQUIST, JOHN BRUCE (121A)

HOLTSMARK, TORGER (122A)

HOOVER, RICHARD B. (123A)

HOSTE, R. (124A)

HUHEEY, JAMES E. (125A)

HULL, T. E. (14B)

HOFF, DARREL B. (126A)

HUMPHREYS, D. A.;
TOMLINSON, R. H. (127A)

HURD, PAUL DeHART;
GALLAGHER, JAMES JOSEPH (128A)

IRVING, JAMES R. (129A)

JACKSON, A. (130A)

JEONG, TUNG H. (131A)

JOHNSON, DONOVAN A. (15B)

JOHNSON, DONOVAN A.;
RISING, GERALD R. (16B)

JORDAN, WALTER F. (132A)

KELANIC, RICHARD A. (133A)

KENDALL, B. R. F.; AND OTHERS (134A)

KENNEDY, M. B.; LACHER, J. R. (135A)

KHOURI, JOHN W. (136A)

KLEINSTEIN, ARNOLD (17B)

KOCH, DAVID P. (137A)

KRIEGER, ALBERT G. (138A)

KUHN, DAVID J. (139A)

KUKOLICH, STEPHEN G. (140A)

KUSLAN, LOUIS I.; STONE, A. HARRIS (141A)

LAINE, D. E. (142A, 143A)

LANSDOWN, BRENDA (144A)

LARKINS, J. H.; AND OTHERS (145A)

LARSEN, LAWRENCE A. (6C, 146A)

LENK, JOHN D. (147A)

LERNER, MORRIS R. (148A)

LEVIN, ALVIN IRVING (18B)

LEVINE, LAURENCE (149A)

LEWIN, S. Z. (150A, 151A, 152A)

LEWIS, THOMAS R. (153A)

LILLICH, ROBERT (154A)

LINSKY, RONALD B.;
SCHNITGER, RONALD L. (155A)

LISSANT, ELLEN KERN (156A)

LOCKARD, J. DAVID (157A)

LOESER, GEORGE JACOB (158A)

LOMAN, EARL (19B)

LONGHURST, R. S. (159A)

LOUDERBACK, H. M. (160A)

LOW, M. J. D.; ABRAMS, L. (20B)

MALCOM, PAUL SCOTT (21B)

MARTIENSSEN, W.; SPILLER, E. (161A)

MARTIN, MAURICE L.;
DUNLOP, PETER J. (162A)

MATHEMATICAL ASSOCIATION OF GHANA (22B, 23B, 24B, 25B, 26B, 27B, 28B, 29B)

MATHISON, SALLY (30B)

MAUTHE, ALBERT H. (31B)

MEHL, WILLIAM G.; MEHL, DAVID W. (32B)

MEISSNER, HANS (163A)

MICCICHE, FRANK; KEANY, MICHAEL (164A)

MILLER, BERNARD (165A)

MINOR, T.C.; AND OTHERS (166A)

MIZUKAMI, HIROSHI (167A)

MOLAU, G. E.; KELLER, R. T. (168A)

MOSKOWITZ, SHEILA (33B)

MOSS, STEPHEN J.; HILL, DEREK L. (169A)

MULLIN, W. BRUCE (170A, 171A, 172A)

MURRAY, JOHN W. (173A)

McCLAREN, MILTON (174A)

McCORMICK, ROBERT (7C)

McCOY, ROBERT E. (175A)

McLANE, LYN (34B)

McLODA, WILLIAM S. (176A)

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION (177A, 178A)

NATIONAL CENTER FOR SCHOOL AND COLLEGE TELEVISION (179A)

NATIONAL SCIENCE TEACHERS ASSOCIATION (180A)

NEW YORK CITY BOARD OF EDUCATION (35B, 36B, 181A, 182A)

NOAKES, G. R. (183A)

NYE, MARTIN J. (184A)

O'HAVER, T. C.;
WINEFORDNER, J. D. (185A)

OHRINER, MARVIN; MACHTINGER, STEVE (186A)

O'KANE, K. C.; JURINSKI, N. B. (187A)

OLDHAM, K. B.; RAND, B. (188A)

O'MALLEY, JOHN A. (189A)

O'TOOLE, RAYMOND J.;
BEDFORD, JOHN P. (190A)

OTTO, FRED B. (191A)

PAGE, DAVID A. (37B)

PANUSH, LOUIS (192A)

PARKER, ROBERT (38B)

PARKS, BRAD (193A)

PARSEGIAN, V. L.; AND OTHERS (194A, 8C)

PERKINS, OTHO E.;
TILSNER, WILLIAM (195A)

PETERS, HERMAN J.; AND OTHERS (196A, 197A)

PHILLIPS, RICHARD A. (198A)

PHILMUS, ROBERT MICHAEL (199A)

PHIPPS, ALAN M.; HUME, DAVID N. (200A)

PIERSON, ROBERT C. (39B)

POUND, A. E. (201A)

PRATER, BAYLISS L. (202A)

PURI, O. P. (203A, 204A)

RAMSEY, GREGOR A.;
HOWE, ROBERT W. (205A)

RICE, LAWRENCE; CHANG, JAMES C.(206A)

RICHARD, PAUL W. (207A)

RICHARDS, P. L.; AND OTHERS (208A)

ROBINSON, W. K.; AND OTHERS (209A)

ROGERS, D. H. (210A)

ROGERS, JOHN; AND OTHERS (211A)

ROSENBAUM, MANUEL (212A)

SALEM, SEMAAN I.; AULT, EARL R. (213A)

SANDERS, STEVEN G.; AND OTHERS (214A)

SCALON, P. J.; AND OTHERS (215A)

SCHERER, GEORGE A. (216A)

SCHEY, HARRY M. (217A)

SCHWARZ, GUENTER (218A, 219A)

SCIENCE CURRICULUM IMPROVEMENT STUDY (220A, 221A)

SEARS, FRANCIS W. (222A)

SHARMAN, R. V. (223A)

SHARPE, THOMAS F.;
MEIBUHR, STUART G. (224A)

SHAW, ROBERT ARLEY (225A)

SHORESMAN, PETER B.; AND OTHERS (226A)

SHOWALTER, VICTOR;
SLESNICK, IRWIN (227A)

SIEBERT, FRED S. (9C)

SILBERNAGEL, B. G.;
WORSTER, BRUCE W. (228A)

SIMPSON, R. E. (229A)

SLABAUGH, W. H. (230A, 231A)

SLAGLE, ROBERT D. (10C)

SMITH, FRANK (40B)

SMITH, NORMAN O. (232A)

SOUTHEASTERN PENNSYLVANIA OUTDOOR EDUCATION CENTER (233A)

STEERE, NORMAN V. (234A)

STEINER, EDWIN C.;
HARTZELL, GORDON E. (235A)

STEPHENS, J. F.;
CHAKRABARTY, M. R. (236A)

STOCKEL, RICHARD F. (237A)

STRADER, NORMAN (238A)

STREATOR, JAMES T. (239A)

SUNDERLIN, SYLVIA (11C)

SUTTON, INEZ P.; AND OTHERS (240A)

SUYDAM, MARILYN N.;
RIEDESEL, C. ALAN (41B)

TAYLOR, A. R. (241A)

TAYLOR, JAY E. (242A)

TEXAS EDUCATION AGENCY (243A)

THOMAS, GEORGELLE (12C)

THOMPSON, PETER (244A)

THORPE, C. W. (245A)

TRINKLEIN, LLOYD ARTHUR (246A)

TROWER, W. PETER (247A)

UNITED NATIONS EDUCATIONAL SCIENTIFIC
AND CULTURAL ORGANIZATION (248A)

VAN DEVENTER, W. C. (249A)

VAN DOORN, C. Z. (250A)

VENNOS, MARY S. (251A)

VIJH, A. K.; ALWITT, R. S. (252A)

VINCENT, COLIN A.; WARD, J. G. (253A)

WAAGE, HAROLD M. (254A)

WAHL, ARNOLD C.; BLUKIS, ULDIS (255A)

WALKER, RUTH A. (256A)

WALL, C. N. (257A)

WALTER, MARION (42B)

WEIR, JOHN J. (258A)

WEISS, RAINER (259A)

WERT, WILLIAM G. (260A)

WEST, PHILIP W.; SACHDEV, SHAM L. (261A)

WILLIAMS, RUSSELL L. (43B)

WINCHESTER, A. M. (262A)

WOOD, STANLEY E.;
ANDERSON, C. B. (263A)

YOUNG, M. (264A)

ZIMMERMAN, FRANK (265A)

ZIMMERMAN, JOSEPH (44B)

E. ARTICLES WITH NO SPECIFIED AUTHOR

APPRAISAL--CHILDREN'S SCIENCE BOOKS (266A)

BASIC ELECTRICITY, INSTRUCTOR'S GUIDE (267A)

BOOKLET NUMBER NINE: THE SYSTEM OF INTEGERS (45B)

BOOKLET NUMBER TEN: THE SYSTEM OF RATIONAL NUMBERS (46B)

BOOKLET NUMBER ELEVEN: THE SYSTEM OF REAL NUMBERS (47B)

BOOKLET NUMBER TWELVE: LOGIC (48B)

BOOKLET NUMBER THIRTEEN: GRAPHS, RELATIONS, AND FUNCTIONS (49B)

BOOKLET NUMBER FOURTEEN: INFORMAL GEOMETRY (50B)

BOOKLET NUMBER FIFTEEN: MEASUREMENT (51B)

BOOKLET NUMBER SIXTEEN: COLLECTING, ORGANIZING, AND INTERPRETING DATA (52B)

BOOKLET NUMBER SEVENTEEN: HINTS FOR PROBLEM SOLVING (53B)

BOOKLET NUMBER EIGHTEEN: SYMMETRY, CONGRUENCE, AND SIMILARITY (54B)

EDUCATION AGE SUPPLEMENT (268A)

EDUCATIONAL PRODUCTS INFORMATION EXCHANGE FORUM, VOLUME I, NUMBER 2 (269A)

EXPERIMENTS IN MICROBIOLOGY (270A)

FRACTIONAL CRYSTALLIZATION AND IGNEOUS DIFFERENTIATION (271A)

FROM RESEARCH TO CLASSROOM LABORATORY (272A)

INTRODUCTION TO CRYSTAL CHEMISTRY (273A)

ISOTOPIC GEOCHEMISTRY OF WATER (274A)

LAKE STORAGE OF SOLAR ENERGY (275A)

MEASUREMENT OF GEOLOGIC AGE OF ROCKS (276A)

MICROBIOLOGY FOR THE BEGINNING STUDENT (277A)

MINERAL ASSEMBLAGES AS EVIDENCE FOR CONDITIONS OF METAMORPHISM (278A)

THE ORIGIN OF MAGMA (279A)

OXIDATION AND SUPERGENE ENRICHMENT DEPOSITS (280A)

PRODUCT INFORMATION SUPPLEMENT NUMBER 2 - ELEMENTARY SCIENCE SERIES (281A)

PRODUCT INFORMATION SUPPLEMENT NUMBER 3 - MODERN ELEMENTARY MATHEMATICS SERIES (55B)

PRODUCT INFORMATION SUPPLEMENT NUMBER 8 - ELEMENTARY SCHOOL SCIENCE KITS FOR THE PHYSICAL SCIENCES (282A)

PRODUCT INFORMATION SUPPLEMENT NUMBER 9 - ELEMENTARY SCHOOL SCIENCE KITS FOR THE BIOLOGICAL SCIENCES (283A)

PROGRAMED MATERIALS FOR COLLEGE PHYSICS TEACHING (284A)

PROGRAMMED INSTRUCTION GUIDE (13C)

RELATIVE AGES OF ROCKS (285A)

SALT AND THINGS (286A)

STREAM GRADE (287A)